



AGENDA
CAPITAL IMPROVEMENT PROGRAM
ADMINISTRATIVE COMMITTEE MEETING
RICHFIELD VILLAGE HALL
4128 HUBERTUS ROAD, HUBERTUS, WISCONSIN
July 28, 2020
6:00 P.M.

Pursuant to the requirements of Section 19.84, Wis. Stats., notice is hereby given of a meeting of the Village of Richfield Capital Improvement Program Administrative Committee Meeting, at which a quorum of the Village Board may attend in order to gather information about a subject which they have decision making responsibility. The meeting will be held at the above noted date, time and location. Notice of Village Board Quorum, (Chairperson to announce the following if a quorum of the Village Board is in attendance at the meeting: "Please let the minutes reflect that a quorum of the Village Board is present and that the Village Board members may be making comments under the Public Comments section of the agenda, during any Public Hearing(s) or if the rules are suspended to allow them to do so.")

1. Call to Order/Roll Call
2. Verification of Compliance with Open Meeting Law
3. Pledge of Allegiance
4. DISCUSSION/ACTION ITEMS
 - a. Discussion and possible recommendations regarding the 2021-2025 Capital Improvement Plan
5. ADJOURNMENT

Additional explanation of items on the agenda (Communication Forms) can be found on the village's website at www.richfieldwi.gov. Notification of this meeting has been posted in accordance with the Open Meeting Laws of the State of Wisconsin. Requests from persons with disabilities who need assistance to participate in this meeting or hearing should be made to the Village Clerk's office at 628-2260 or www.richfieldwi.gov with as much advance notice as possible.

Equipment Replacement Schedule																														
Truck Number	Year Purchased	Useful Life	tion Year	Replacement Year	Recovery Goal			Undesignated Fund Balance	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
#3 Intl 2554 Plow BACKUP	1996	22	20	2016	\$172,366	\$0	\$172,366	Actual replacement will take place in 2020																						
#11 Intl 2554 Plow BACKUP (To Be Sold 2020)	1998	22	20	2018	\$174,951	\$0	\$174,951	Actual replacement will take place in 2023																						
#12 Int 2554 Plow BACKUP	1999	22	20	2019	\$177,576	\$0	\$177,576																							
#5 Intl 7400 Plow Backup(To Be Sold 2021)	2009	22	20	2020	\$206,084	\$206,084	\$0	\$63,408	\$15,852	\$15,852	\$15,852	\$15,852	\$15,852	\$15,852	\$15,852	\$15,852	\$15,860													
#10 Intl 2554 Plow	2000	22	20	2020	\$180,239	\$180,239	\$0	\$180,239																						
#7 Intl 7400 Plow	2003	22	20	2023	\$194,272	\$194,272	\$0	\$107,700	\$28,857	\$28,857	\$28,858																			
#6 Intl 7400 Plow	2006	22	20	2026	\$202,881	\$202,880	\$1	\$78,836	\$20,674	\$20,674	\$20,674	\$20,674	\$20,674	\$20,674																
#26 Intl 7400 Plow	2010	22	20	2030	\$214,975	\$214,975	\$0	\$59,768	\$15,521	\$15,521	\$15,521	\$15,521	\$15,521	\$15,521	\$15,521	\$15,521	\$15,521	\$15,518												
#16 Intl 7400 Plow	2013	22	20	2033	\$224,530	\$224,530	\$0	\$51,464	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,313	\$13,310									
#27 Intl 7400 Plow	2015	22	20	2035	\$231,141	\$231,141	\$0	\$47,440	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,247	\$12,243							
#28 Intl 7400 Plow	2016	22	20	2036	\$234,521	\$234,521	\$0	\$45,744	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,799	\$11,792						
#19 Intl HV507 Plow- Rec'd 2020	2019	22	20	2039	\$244,969	\$244,969	\$0	\$11,959	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,264	\$12,258		
#14 Intl HV507 Plow- Rec'd 2021	2020	22	20	2040	\$242,756	\$242,756	\$0	\$0	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,138	\$12,134	
#20 Cat Loader	2012	20	20	2032	\$215,497	\$215,497	\$0	\$53,876	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,469	\$13,462										
#41 Wacker EW-100 Excavator	2016	20	20	2036	\$192,769	\$192,769	\$0	\$38,556	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,639	\$9,628				
#35 Ex Mark Zero Turn Mower	2016	15	15	2031	\$15,482	\$15,482	\$0	\$4,132	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,033	\$1,020										
#4 Chevy C-3500 Dump Truck	2019	15	15	2034	\$51,600	\$51,600	\$0	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440	\$3,440							
#44 F-350(Doesn't exist)	2018	15	15	2033	\$50,582	\$6,746	\$43,836	\$6,746																						
#18 JD Gator	2009	15	15	2024	\$21,546	\$21,546	\$0	\$10,776	\$2,694	\$2,694	\$2,694	\$2,688																		
#1 F-350 Dump Truck	2007	15	15	2022	\$42,941	\$42,941	\$0	\$32,100	\$5,420	\$5,421																				
#38 Toro Mower	2005	20	20	2025	\$68,513	\$68,513	\$0	\$30,452	\$7,613	\$7,613	\$7,613	\$7,613	\$7,609																	
#36 Bunker Rake (Will use for Pull Behind then move off CIP)	2003	15	15	2018	\$9,000	\$3,200	\$5,800	\$3,200																						
#25 F-250 Pickup	2010	15	15	2025	\$44,440	\$44,440	\$0	\$19,748	\$4,937	\$4,937	\$4,937	\$4,937	\$4,944																	
#17 JD 6310 Tractor	2001	25	25	2026	\$107,163	\$107,163	\$0	\$42,868	\$10,717	\$10,717	\$10,717	\$10,717	\$10,717	\$10,710																
#37 Bomag Roller	2003	25	25	2028	\$13,673	\$13,673	\$0	\$4,560	\$1,140	\$1,140	\$1,140	\$1,140	\$1,140	\$1,140	\$1,140	\$1,133														
#24 JD 4720 Tractor	2006	20	20	2026	\$43,728	\$43,728	\$0	\$17,492	\$4,373	\$4,373	\$4,373	\$4,373	\$4,373	\$4,371																
#21 Bobcat Skidloader	2008	20	20	2028	\$38,070	\$38,070	\$0	\$12,692	\$3,173	\$3,173	\$3,173	\$3,173	\$3,173	\$3,173	\$3,173	\$3,173	\$3,167													
#23 Vermeer Chipper	2006	25	25	2031	\$21,799	\$21,799	\$0	\$5,812	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,453	\$1,457											
Beginning Equipment Fund Balance									\$370,227	\$581,993	\$750,819	\$762,894	\$918,831	\$980,676	\$789,140	\$915,621	\$990,346	\$906,438	\$797,776	\$851,281	\$724,086	\$523,811	\$585,338	\$412,280	\$30,812	\$55,214	\$79,616	-\$140,957	-\$371,579	-\$371,579
Total Capital Fund Addition									\$211,766	\$211,767	\$206,347	\$177,483	\$174,798	\$162,236	\$126,481	\$126,468	\$122,176	\$106,313	\$90,786	\$88,302	\$74,837	\$61,527	\$58,083	\$45,822	\$24,402	\$24,402	\$24,396	\$12,134	\$0	\$0
Total Capital Fund Expenditure									\$0	\$42,941	\$194,272	\$21,546	\$112,953	\$353,772	\$0	\$51,743	\$206,084	\$214,975	\$37,281	\$215,497	\$275,112	\$0	\$231,141	\$427,290	\$0	\$0	\$244,969	\$242,756	\$0	\$0
Year End Equipment Fund Balance								\$933,008	\$581,993	\$750,819	\$762,894	\$918,831	\$980,676	\$789,140	\$915,621	\$990,346	\$906,438	\$797,776	\$851,281	\$724,086	\$523,811	\$585,338	\$412,280	\$30,812	\$55,214	\$79,616	-\$140,957	-\$371,579	-\$371,579	-\$371,579
Affordability Adjustment																														
Actual Year End Equipment Fund Balance								\$933,008	\$581,993	\$750,819	\$762,894	\$918,831	\$980,676	\$789,140	\$915,621	\$990,346	\$906,438	\$797,776	\$851,281	\$724,086	\$523,811	\$585,338	\$412,280	\$30,812	\$55,214	\$79,616	-\$140,957	-\$371,579	-\$371,579	-\$371,579

Vehicles experience a 1.015% increase each year
Those vehicles up for purchase in the capital improvement plan are placed back in the plan which results in duplicate entries for some vehicles. As indicated by "Replace"

- #44 F-350 (Saved for 2 yrs but doesn't exist.)
*
- #36 Bunker Rake (Used \$5,800 to purchase auger system.)
*

Appendix A
Village of Richfield Vehicle and Equipment Status Report

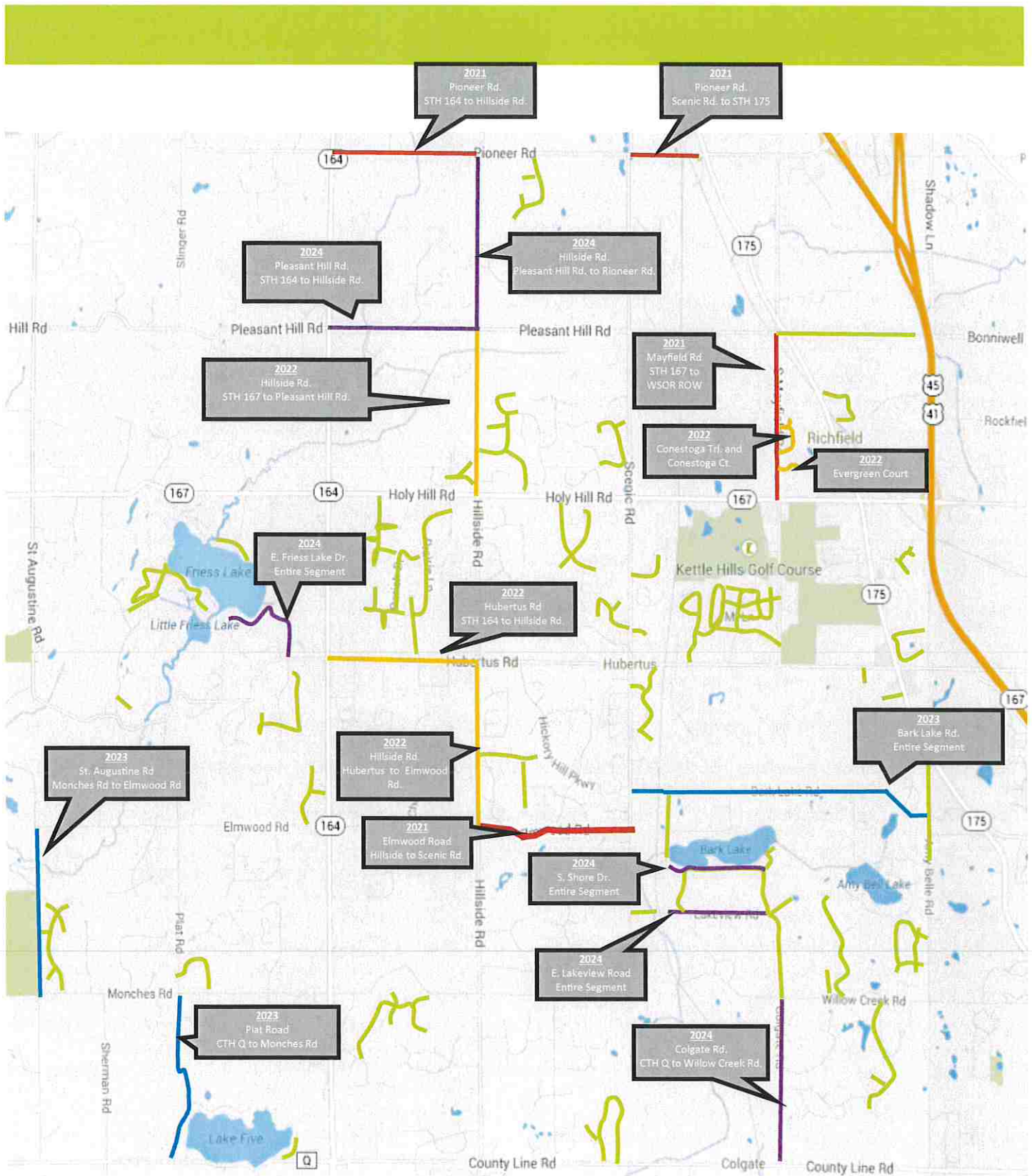
Vehicle #	Year Purchased	Model	2018 Miles	2018 Hours	2018 Maintenance Cost	2019 Miles	2019 Hours	2019 Maintenance Cost
1	2007	F-350	111386	7291	\$1,210.81	118779	7834	\$844.43
2	1962	OSHKOSH	8565	865	\$0	8565	865	\$0
3	1996	2554 IH	58463	5061	\$282.00	59924	5206	\$3041.21
4	2019	Chevy 3500				5101	383	\$1655.19
5	2009	7400 ICH	36499	2711	\$13,713.34	38891	2885	\$3883.70
6	2006	7400 ICH	31853	2642	\$773.32	32599	2710	\$3849.68
7	2003	7400 ICH	34259	2901	\$1,874.62	34841	2950	\$1881.46
8	1999	F-550 4X4	49088	4531	\$497.24	50697	4675	\$345.44
9	1971	OSHKOSH	2242	941	\$0	2242	941	\$0
10	2000	2554 ICH	3395	43286	\$5,137.58	43964	3449	\$3379.33
11	1998	2554 ICH	38648	3224	\$3,233.18	39229	3261	\$2888.99
12	1999	2554 ICH	77306	6980	\$547.02	77330	6983	\$357.32
13	2003	F-350	93603	7051	\$665.77	95460	7183	\$391.84
15	2013	FORD FOCUS	24364		\$0	26897		\$55.22
16	2013	2544 ICH	27518	1980	\$89.74	29260	2109	\$4157.06
17	2001	6310 TRACTOR		5565	\$345.82		5786	\$3592.98
18	2009	JD GATOR		38	\$722.74		45	\$245.88
20	2012	CAT LOADER		2428	\$1,171.11		2587	\$869.23
21	2008	S-250 BOBCAT		2059	\$503.90		2089	\$741.22
22	1999	JD MOWER			\$350.12		1288	\$0
23	2006	VEMEER CHIPPER		1162	\$0		1251	\$0
24	2006	4720 TRACTOR		3245	\$581.24		3393	\$0
25	2010	F-250 4X4	83859		\$405.12	92311	4313	\$861.28
26	2010	7400 ICH	29828	2102	\$8,247.95	31176	2229	\$5889.20
27	2014	7400 ICH	10698	744	\$848.80	12162	847	\$1996.41
28	2016	7400 IH	12212	740	\$761.37	14001	848	\$847.53
29	2019	CHEVY EQUINOX				8041		\$0
30	2019	CHEVY EQUINOX				Data Unavailable		\$0
35	2017	EXMARK MOWER		31	\$283.56		457	\$183.44
36	2009	JD 1200a		2154	\$643.10		2155	\$50.22
37	2006	BOMAG ROLLER		358	\$66.93		362	\$137.21
38	2009	TORO 4000-D		3732	\$354.10		3975	\$348.32
40	2016	WACKER EXCAVATOR		593	\$1,023.64		876	\$285.32

* JD Gator received new hour meter.

Projects by Year, 2021-2025

The following Projects by Year summary indicates projects that will take place each year, for the next five (5) years. Public Works and Highway Roadway Project mapping is on page 31.

Project Name	Department	Project #	Priority	Project Cost
2021				
Roadway Improvement 2021 - Mayfield Road	Public Works and Highway	PW&H-21-001	2	\$477,500
Roadway Improvement 2021 - Pioneer Road	Public Works and Highway	PW&H-21-002	2	\$187,700
Roadway Improvement 2021 - Pioneer Road	Public Works and Highway	PW&H-21-003	2	\$357,625
Roadway Improvement 2021 - Elmwood Road	Public Works and Highway	PW&H-21-004	2	\$403,500
Washington County Roadway Improvement - CTH Q and Hillside Road	Public Works and Highway	PW&H-21-005	2	\$50,000
Fireman's Park Tennis Court Reconstruction	Parks and Recreation	P&R-21-001	1	\$23,952
Total for 2021			Roads: \$1,426,325	Total: \$1,500,277
2022				
Server and Battery Backup	Administration	A-21-001	1	\$18,206
Roadway Improvement 2022 - Hillside Road	Public Works and Highway	PW&H-22-001	2	\$400,750
Roadway Improvement 2022 - Hillside Road	Public Works and Highway	PW&H-22-002	2	\$422,150
Roadway Improvement 2022 - Hubertus Road	Public Works and Highway	PW&H-22-003	2	\$422,150
Roadway Improvement 2022 - Evergreen Court	Public Works and Highway	PW&H-22-004	2	\$97,825
Roadway Improvement 2022 - Conestoga Trail	Public Works and Highway	PW&H-22-005	2	\$135,250
Roadway Improvement 2022 - Conestoga Court	Public Works and Highway	PW&H-22-006	2	\$44,500
DPW Fuel Pump System Upgrade and DPW WIFI	Public Works and Highway	PW&H-22-007	2	\$22,000
Truck #1 F-350 (1 Ton Dump Body)	Vehicle Replacement	VR-22-001	2	\$42,941
Total for 2023			Roads: \$1,522,625	Total: \$1,605,772
2023				
Roadway Improvement 2023 - Bark Lake Road	Public Works and Highway	PW&H-23-001	2	\$658,350
Roadway Improvement 2023 - Plat Road	Public Works and Highway	PW&H-23-002	2	\$367,700
Roadway Improvement 2023 - St. Augustine Road	Public Works and Highway	PW&H-23-003	2	\$395,550
Salt Storage Facility	Public Works and Highway	PW&H-23-004	1	\$262,500
Municipal Garage Trench Drain	Public Works and Highway	PW&H-23-005	2	\$15,000
Truck #7 Patrol Truck	Vehicle Replacement	VR-23-001	2	\$188,742
Total for 2023			Roads: \$1,421,600	Total: \$1,887,842
2024				
Roadway Improvement 2024 - Colgate Road	Public Works and Highway	PW&H-24-001	2	\$419,650
Roadway Improvement 2024 - Pleasant Hill Road	Public Works and Highway	PW&H-24-002	2	\$394,300
Roadway Improvement 2024 - E. Lakeview Road	Public Works and Highway	PW&H-24-003	2	\$294,100
Roadway Improvement 2024 - S. Shore Drive	Public Works and Highway	PW&H-24-004	2	\$291,400
Roadway Improvement 2024 - E. Friess Lake Road	Public Works and Highway	PW&H-24-005	2	\$192,700
Roadway Improvement 2024 - Hillside Road	Public Works and Highway	PW&H-24-006	2	\$401,000
#18 JD Gator	Vehicle Replacement	VR-24-001	2	\$21,546
Total for 2024			Roads: \$1,108,050	Total: \$2,014,696
2025				
Roadway Improvement Pool	Public Works and Highway	PW&H-25-001	2	\$1,500,000
Replacement of Village Computers	Administration	A-25-001	2	\$13,000
Total for 2025			Roads: \$1,500,000	\$1,513,000
Grand Total				\$8,521,587

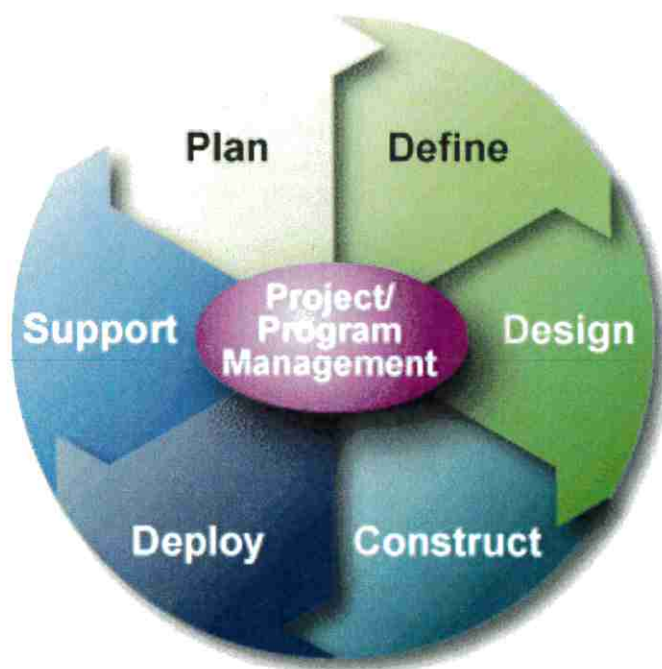



Map Key

Red—2021 Roadway Improvement
Yellow—2022 Roadway Improvement
Blue—2023 Roadway Improvement

Purple—2024 Roadway Improvement
Green—2025 Roadway Improvement

Section 5: Projects by Year





Projects by Year

2021

Village of Richfield, Wisconsin

Capital Improvement Plan

2021 Projects By Year

Project Name	Department	Project #	Priority	Project Cost
Roadway Improvement 2021 - Mayfield Road	Public Works and Highway	PW&H-21-001	2	\$477,500
Roadway Improvement 2021 - Pioneer Road	Public Works and Highway	PW&H-21-002	2	\$187,700
Roadway Improvement 2021 - Pioneer Road	Public Works and Highway	PW&H-21-003	2	\$357,625
Roadway Improvement 2021 - Elmwood Road	Public Works and Highway	PW&H-21-004	2	\$403,500
Washington County Roadway Improvement - CTH Q and Hillside Road	Public Works and Highway	PW&H-21-005	2	\$50,000
Fireman's Park Tennis Court Reconstruction	Parks and Recreation	P&R-21-001	1	\$23,952
2021 Total		\$1,426,325		\$1,500,277
		Roads Total		Total

2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department	Administration
Contact	Deputy Treasurer
Type	Software
Useful Life	10 years
Category	Technology
Priority	2

Project #	A-21-002
Project Name	Municipal Software Accounting Package

Description

An updated software package would be purchased for the use of payroll, accounts receivable, accounts payable, and transaction receipts. The current program, BDS, has been utilized by the Village since 2005. It is antiquated technology and was proposed to be replaced in 2020. However, after a review of programs it was determined the Village is short of the funding goal by approximately one (1) year.

Justification

The current system is antiquated and the suite of Accounting software does not work in conjunction with each other, internally.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	22,500					22,500
Total	22,500					

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	7,500					22,500
Total	7,500					

2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-21-001

Category Street Construction

Project Name Roadway Improvement 2021 – Mayfield Road

Priority 2 Very Important

Description

Road: Mayfield Road, From STH 167 to Evergreen Court
Distance: 1056'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 3 (2017), 3 (2019)

Road: Mayfield Road, From Conestoga Trail to Industrial Court
Distance: 1531'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 4 (2017), 4 (2019)

Road: Mayfield Road, From Evergreen Court to Conestoga Trail
Distance: 581'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 4 (2017), 4 (2019)

Road: Mayfield Road, From Industrial Court WSOR ROW
Distance: 1300'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 4 (2017), 4 (2019)

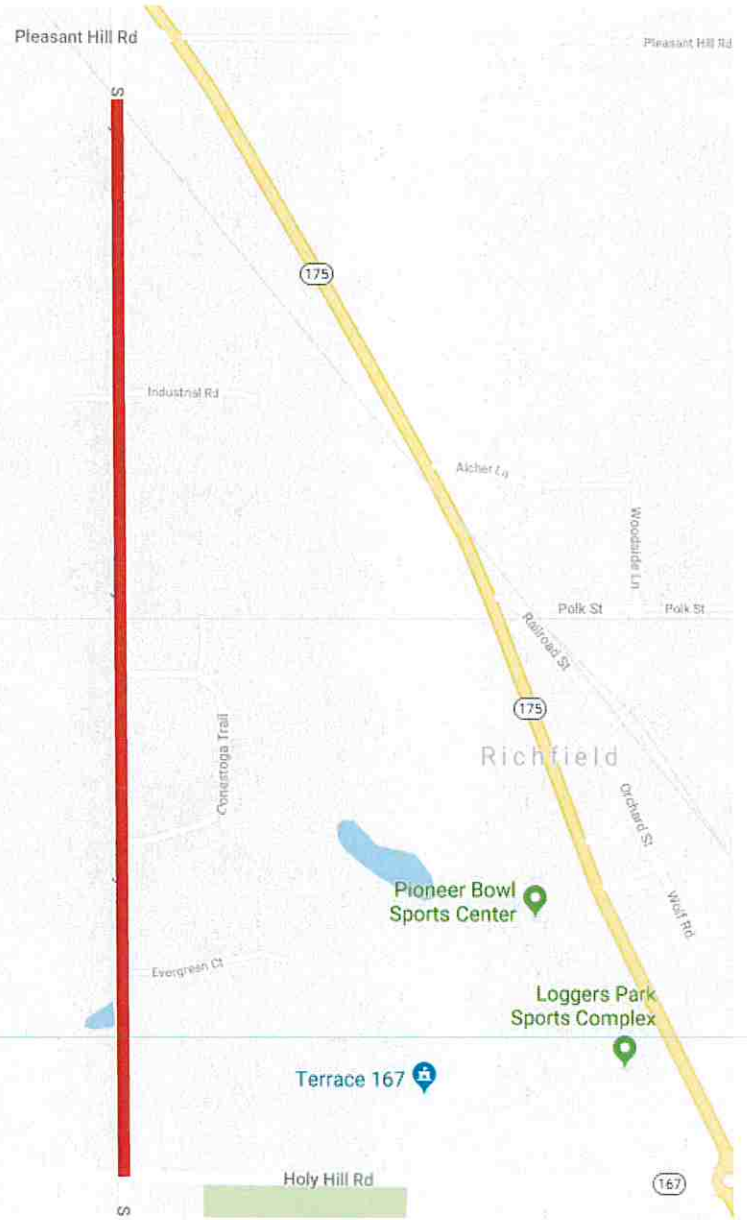
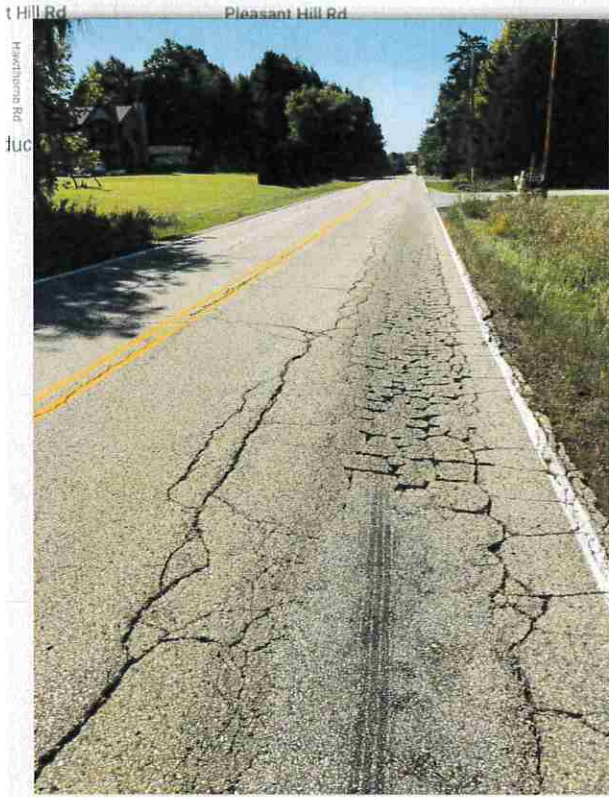
Road: Mayfield Road, From Conestoga Trail to Conestoga Trail
Distance: 845'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 4 (2017), 4 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$477,500					\$477,500
Total	\$477,500					\$477,500

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$477,500					
Total	\$477,500					



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-21-002

Category Street Construction

Project Name Roadway Improvement 2021 – Pioneer Road

Priority 2 Very Important

Description

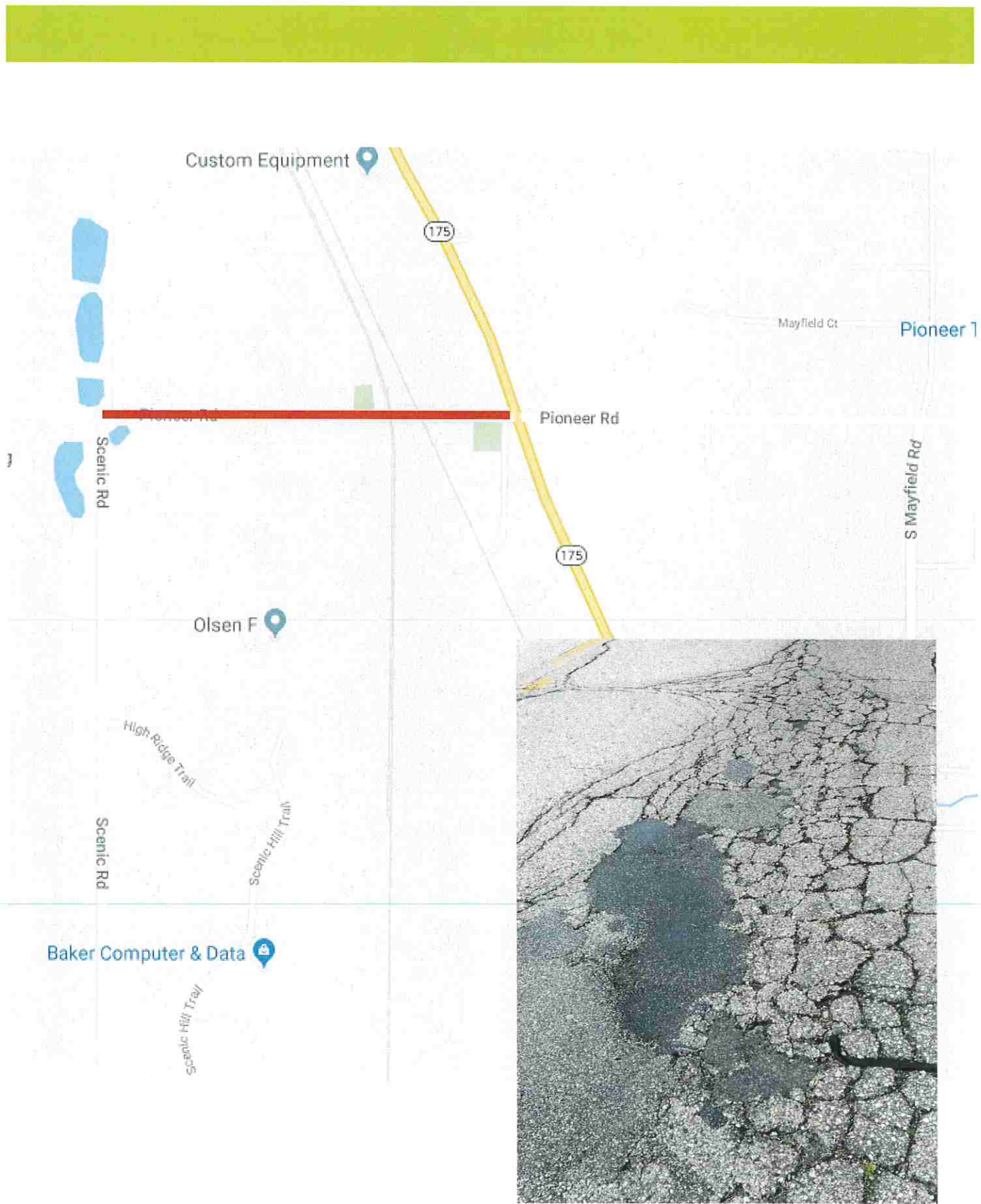
Road: Pioneer Road, from Scenic Road to STH 175
Distance: 5300'
Type: 55
Pvt Year: 1975
Width: 22'
WISLR Rating: 5 (2019), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$187,700					\$187,700
Total	\$187,700					\$187,700

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$187,700					
Total	\$187,700					



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-21-003

Category Street Construction

Project Name Roadway Improvement 2021 – Pioneer Road

Priority 2 Very Important

Description

Road: Pioneer Road, from STH 164 to Hillside Road
Distance: 5333'
Type: 55
Pvt Year: 1975
Width: 22'
WISLR Rating: 5 (2019), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$357,625					\$357,625
Total	\$357,625					\$357,625

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$357,625					
Total	\$357,625					



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-21-004

Category Street Construction

Project Name Roadway Improvement 2021 – Elmwood Road

Priority 2 Very Important

Description

Road: Elmwood Road, from Hillside Road to Timberstone Way

Distance: 2811'

Type: 70

Pvt Year: 2000

Width: 22'

WISLR Rating: 5 (2017), 5 (2019)

Road: Elmwood Road, from Timberstone Way to Feather Reed Court

Distance: 1624'

Type: 70

Pvt Year: 2000

Width: 22'

WISLR Rating: 5 (2017), 5 (2019)

Road: Elmwood Road, from Feather Reed Court to Scenic Road

Distance: 950'

Type: 70

Pvt Year: 2000

Width: 22'

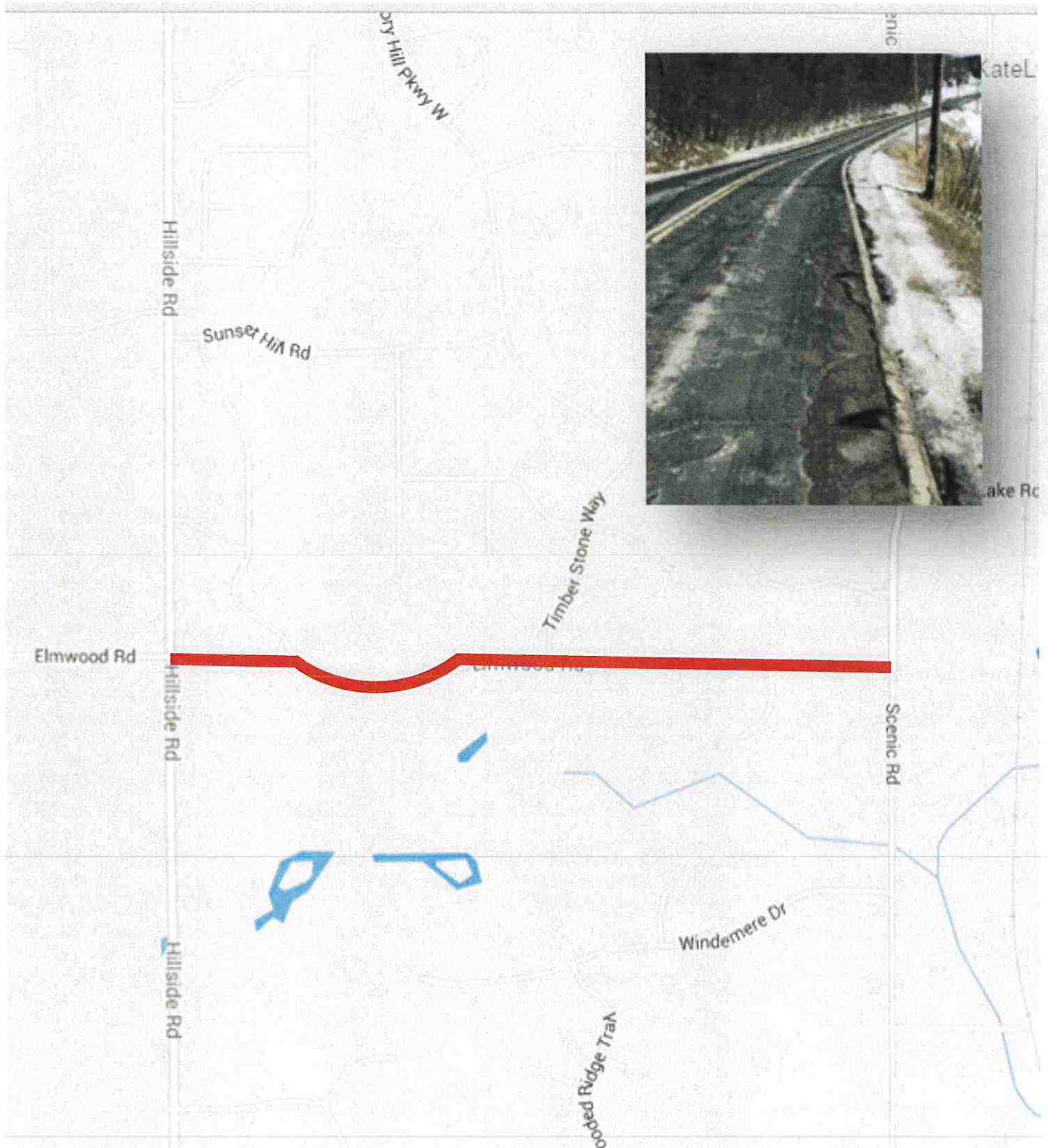
WISLR Rating: 5 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$403,500					\$403,500
Total	\$403,500					\$403,500

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$403,500					
Total	\$403,500					



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Public Works and Highway

Contact Public Works Supervisor

Type Improvement

Useful Life 30 Years

Project # PW&H-21-005

Project Name Washington County Roadway Improvement 2021 –
CTH Q and Hillside Road Roundabout

Category Street Construction

Priority 2 Very Important

Description

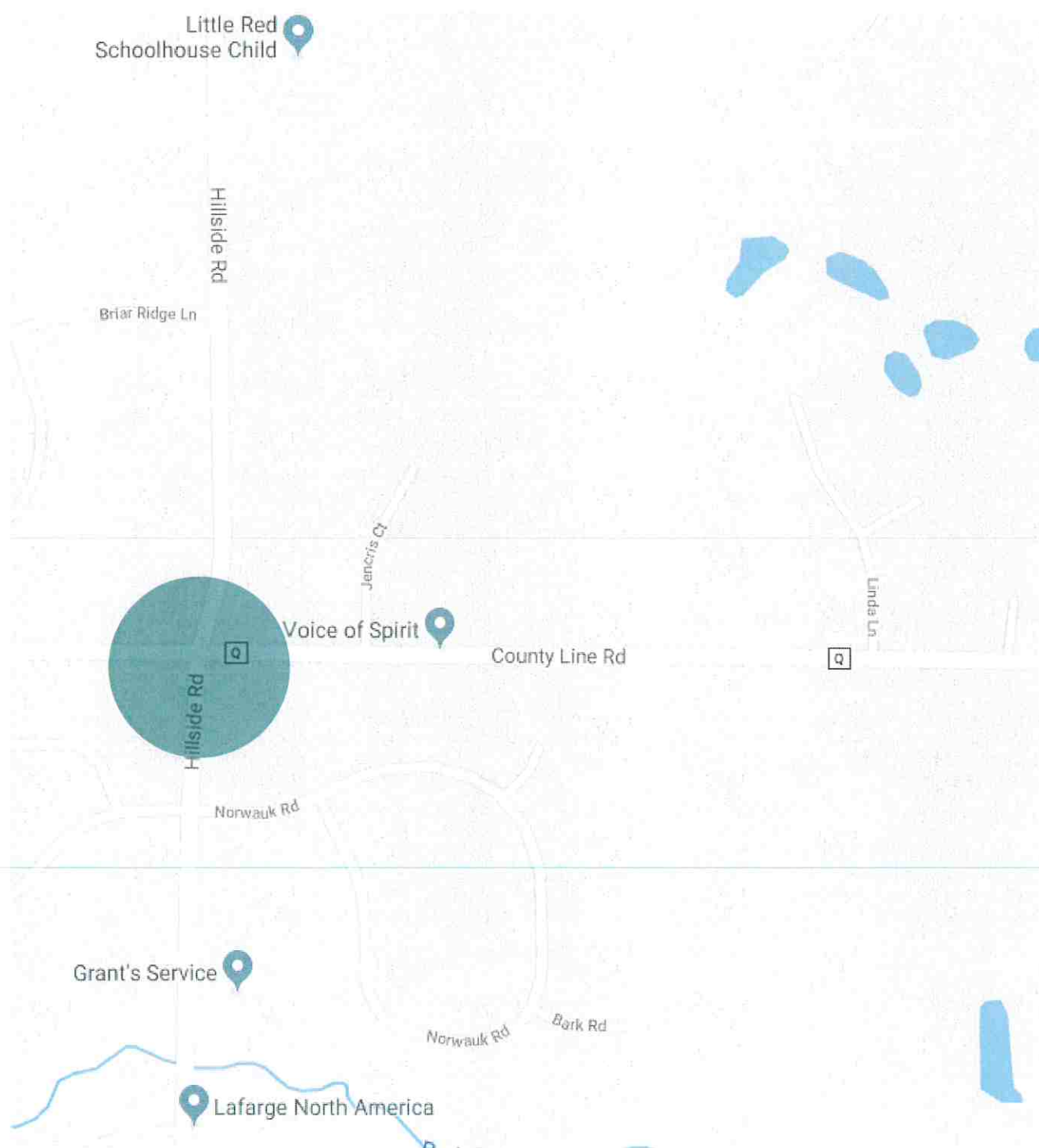
A municipal contribution for future work to be completed at CTH Q and Hillside Road will be planned to go towards the construction of a roundabout. The Washington County Highway Department project timeline is subject to grant approvals from the State of Wisconsin.

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$50,000					\$50,000
Total	\$50,000					\$50,000

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$50,000					
Total	\$50,000					



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Vehicle Replacement
Contact Public Works Supervisor
Type Equipment
Useful Life 22 Years of 100,000 miles
Category Equipment: PW Equip.
Priority 2 Very Important

Project # VR-21-001
Project Name #10 Plow Truck

Description

Replace existing #10 Plow Truck.

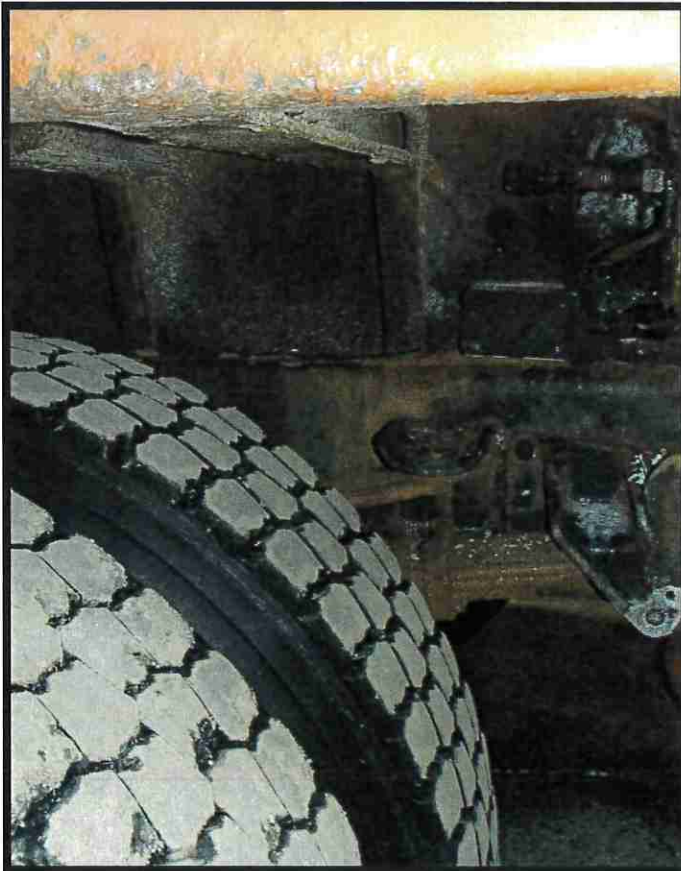
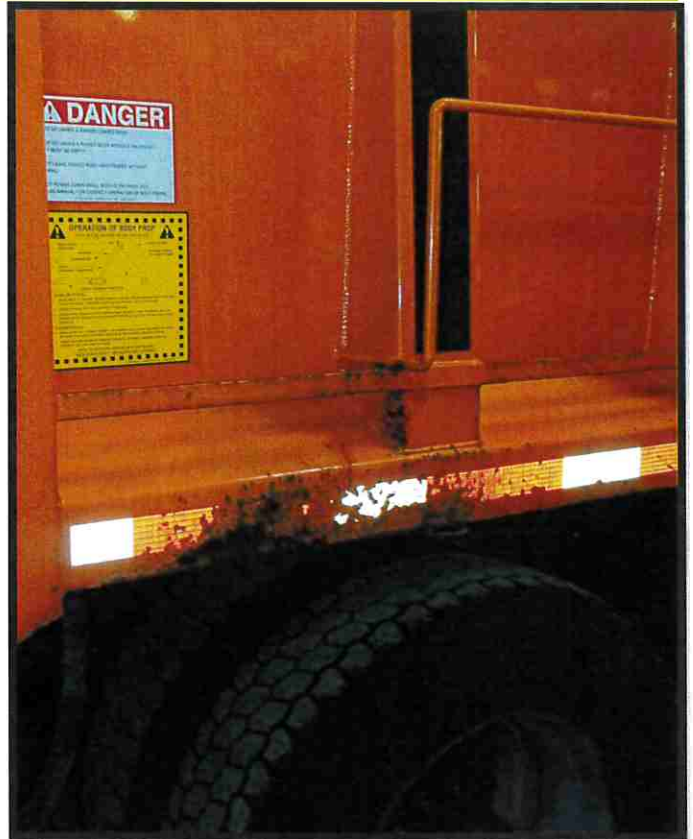
Replacing something else?

Justification

This Plow Truck has a large amount of rust on the box as well as the frame. Truck has had multiple repairs through its service. Replace per the Equipment Replacement Schedule

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$180,239					\$180,239
Total	\$180,239					\$180,239

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$180,239					\$180,239
Total	\$180,239					\$180,239



2021 thru 2025

Capital Improvement Plan

Department	Parks and Recreation
Contact	Assistant to the Administrator
Type	Equipment
Useful Life	25 Years
Category	Park Improvement
Priority	1 Very Important

Village of Richfield, Wisconsin

Project #	P&R-21-001
Project Name	Replacement of Fireman's Park Tennis Courts

Description

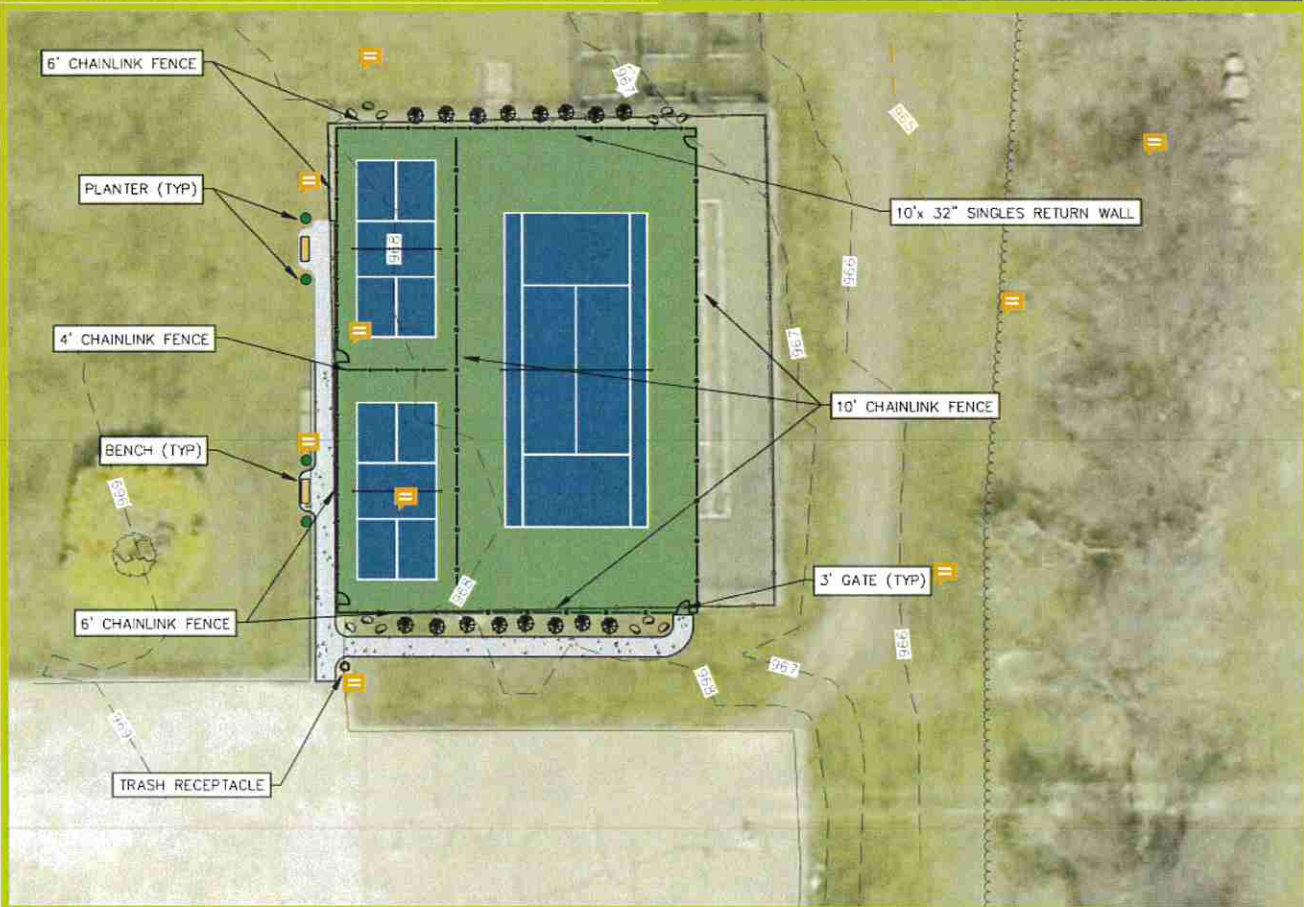
In 2018, \$23,952 was transferred to the Parks Department Reserve Fund for a future park amenity. Subsequently, in 2019 the Village Park Commission determined the Fireman's Park Tennis Courts were in greatest need of funds for repairs. In 2020, the Village Board authorized the transfer of \$75,835 of impact fees to be allocated to the reconstruction project. In 2020, a bid to reconstruct the tennis courts was noticed and three (3) vendors submitted bids ranging from \$120,000—\$153,000 for the project. Once a funding gap was identified, the bids for work were denied and the project has been slated to be rebid in 2021. By delaying the project to 2021, it is the goal that additional funds will become available for the project and community donations will assist with meeting the project costs.

Justification

The current tennis courts have deteriorated to a state of disrepair that is so great, repairs are not guaranteed by any contractor. Replacement of the amenity is required.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	23,952					23,952
Total	23,952					23,952

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	23,952					
Total	23,952					





Projects by Year

2022

Village of Richfield, Wisconsin Capital Improvement Plan

2022 Projects By Year

Project Name	Department	Project #	Priority	Project Cost
Server and Battery Backup	Administration	A-21-001	1	\$18,206
Roadway Improvement 2022 - Hillside Road	Public Works and Highway	PW&H-22-001	2	\$400,750
Roadway Improvement 2022 - Hillside Road	Public Works and Highway	PW&H-22-002	2	\$422,150
Roadway Improvement 2022 - Hubertus Road	Public Works and Highway	PW&H-22-003	2	\$422,150
Roadway Improvement 2022 - Evergreen Court	Public Works and Highway	PW&H-22-004	2	\$97,825
Roadway Improvement 2022 - Conestoga Trail	Public Works and Highway	PW&H-22-005	2	\$135,250
Roadway Improvement 2022 - Conestoga Court	Public Works and Highway	PW&H-22-006	2	\$44,500
DPW Fuel Pump System Upgrade and DPW Wifi	Public Works and Highway	PW&H-22-007	2	\$22,000
Truck #1 F-350 (1 Ton Dump Body)	Vehicle Replacement	VR-22-001	2	\$42,941
Total for 2022		\$1,522,625		\$1,605,772
		\$ Roads Total		Total

2021 thru 2025

Capital Improvement Plan

Department	Administration
Contact	Assistant to the Administrator
Type	Equipment
Useful Life	5 Years
Category	Equipment: Computers
Priority	1 Critical

Village of Richfield, Wisconsin

Project #	A-22-001
Project Name	Server & Battery Backup

Description

A server is a physical computer/hardware system dedicated to "serve" the needs of the other computers on the network. Along with the server upgrade, it is recommended that we purchase a back-up power supply to ensure that even during power failures our Village's central nervous system will still function. A remote server that is cloud-based is also a consideration our IT providers would like us to consider so that there is an annual cost each year rather than a large expenditure every 4-5 years.

Justification

A Network server is one of the most, if not the most, vital pieces of computer equipment the Village utilizes. It provides all of the Villages computers with shared resources - disk space, storage, shared documents, etc. Without the use of a server thing as trivial as printing to our networked printer would be impossible.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$18,206				\$18,206
Total		\$18,206				\$18,206

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$18,206				
Total		\$18,206				



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-22-001

Category Street Construction

Project Name Roadway Improvement 2022– Hillside Road

Priority 2 Very Important

Description

Road: Hillside Road from STH 167 to Scarborough Drive
Distance: 422'
Type: 70
Pvt Year: 2002
Width: 24'
WISLR Rating: 5 (2017), 5 (2019)

Road: Hillside Road from Stonehaven Way to Spruce Drive
Distance: 528'
Type: 70
Pvt Year: 2002
Width: 245'
WISLR Rating: 5 (2017), 5 (2019)

Road: Hillside Road from Scarborough Drive to Stonehaven Way
Distance: 686'
Type: 70
Pvt Year: 2002
Width: 24'
WISLR Rating: 5 (2017), 5 (2019)

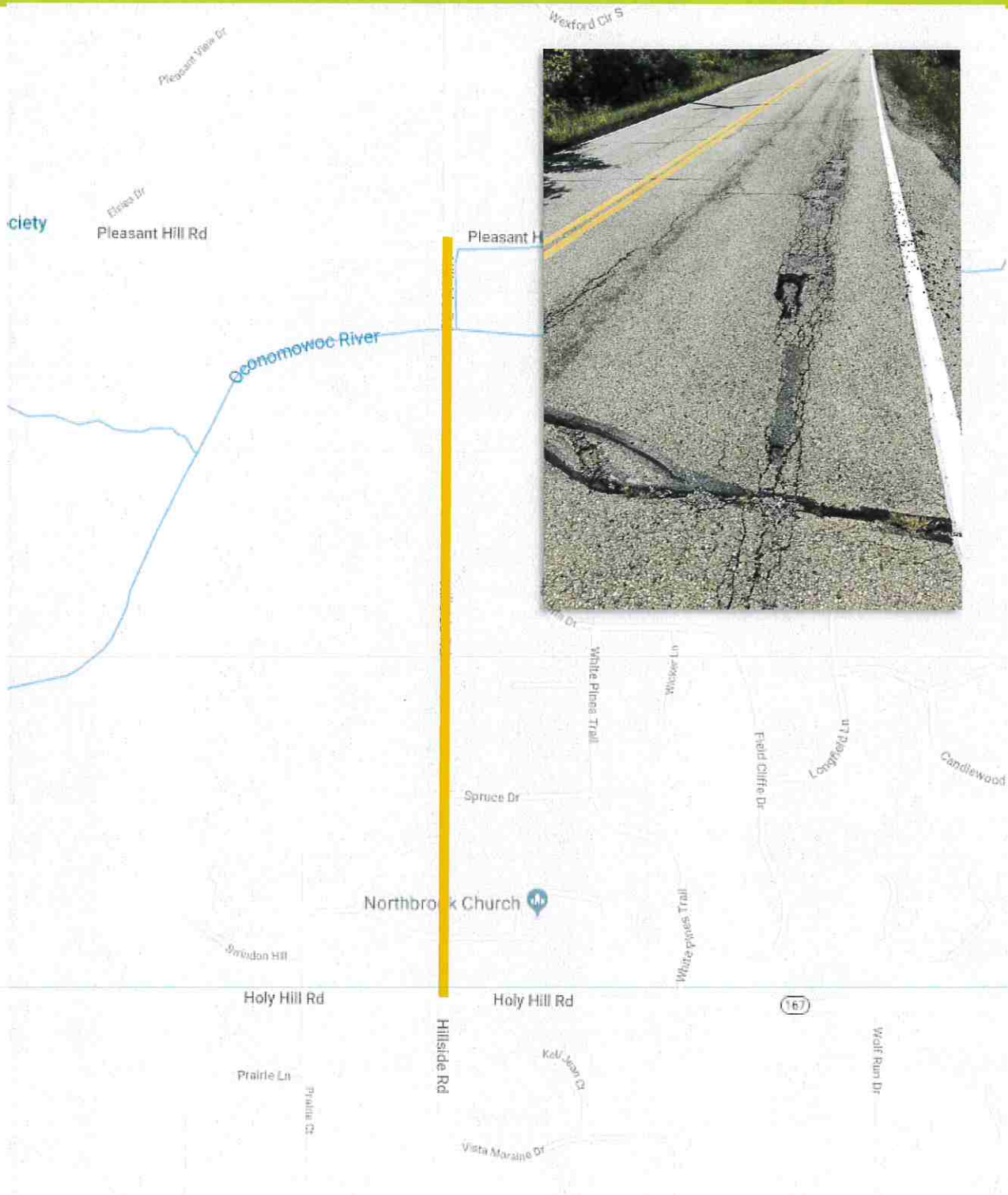
Road: Hillside Road from Spruce to Pleasant Hill Road
Distance: 3643'
Type: 70
Pvt Year: 2002
Width: 24'
WISLR Rating: 5 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface or approaching failure

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$400,750				\$400,750
Total		\$400,750				\$400,750

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$400,750				
Total		\$400,750				



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department	Public Works and Highway
Contact	Public Works Supervisor
Type	Improvement
Useful Life	30 Years
Category	Street Construction
Priority	2 Very Important

Project #	PW&H-22-002
Project Name	Roadway Improvement 2022– Hillside Road

Description

Road: Hillside Road from Hubertus Road to Maple Grove Drive
 Distance: 1214'
 Type: 65
 Pvt Year: 2004
 Width: 24'
 WISLR Rating: 5 (2017), 7 (2019)

Road: Hillside Road from Maple Grove Drive to Woodview Drive
 Distance: 1214'
 Type: 65
 Pvt Year: 2004
 Width: 24'
 WISLR Rating: 6 (2017), 6 (2019)

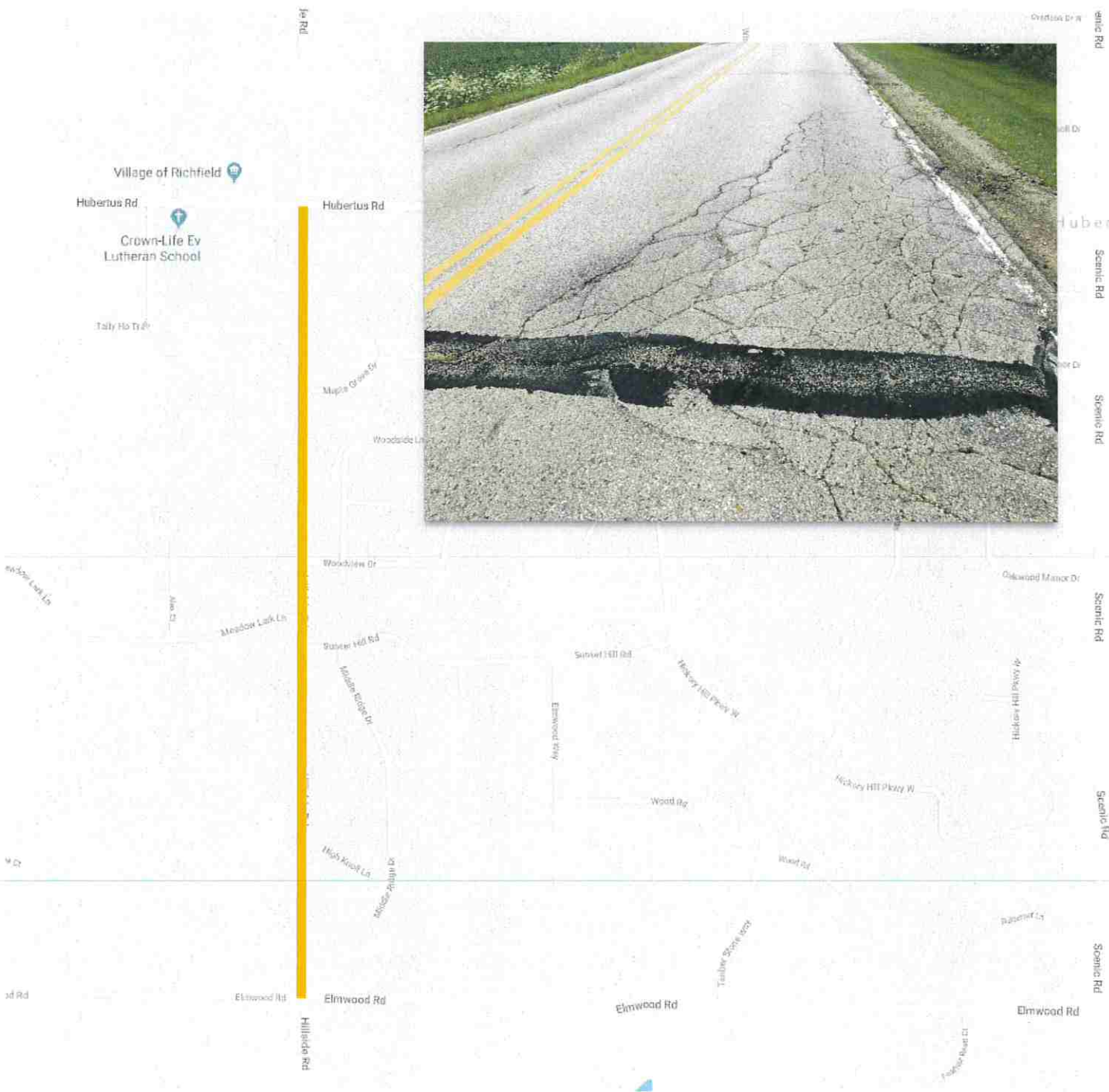
Road: Hillside Road from Woodview Drive to Elmwood Road
 Distance: 2851'
 Type: 65
 Pvt Year: 2004
 Width: 24'
 WISLR Rating: 6 (2017), 6 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface or approaching failure

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$422,150				\$422,150
Total		\$422,150				\$422,150

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$422,150				
Total		\$422,150				



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department	Public Works and Highway
Contact	Public Works Supervisor
Type	Improvement
Useful Life	30 Years
Category	Street Construction
Priority	2 Very Important

Project #	PW&H-22-003
Project Name	Roadway Improvement 2022— Hubertus Road

Description

Road: Hubertus Road from STH 164 to St. Gabriel Way
Distance: 1000'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 5 (2017), 5 (2019)

Road: Hubertus Road from St. Gabriel Way to Park View Drive
Distance: 2326'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 6 (2017), 5 (2019)

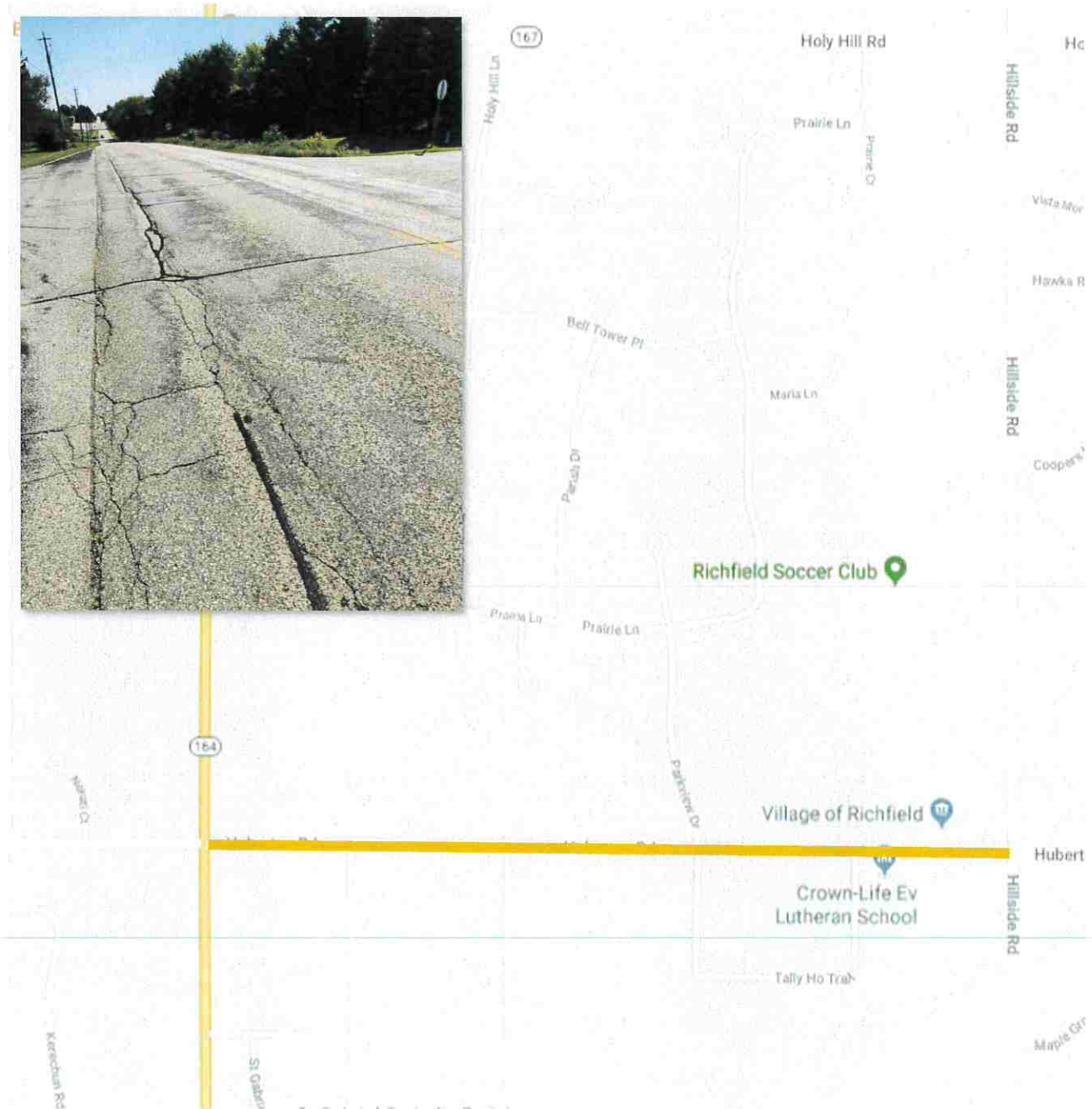
Road: Hubertus Road from Park View Drive to Tally Ho Trail
Distance: 1056'
Type: 70
Pvt Year: 1997
Width: 245'
WISLR Rating: 6 (2017), 5 (2019)

Road: Hubertus Road from Tally Ho Trail to Hillside Road
Distance: 1003'
Type: 70
Pvt Year: 1997
Width: 24'
WISLR Rating: 6 (2017), 5 (2019)

Justification

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$422,150				\$422,150
Total		\$422,150				\$422,150

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$422,150				
Total		\$422,150				



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-22-004

Category Street Construction

Project Name Roadway Improvement 2022– Evergreen Court

Priority 2 Very Important

Description

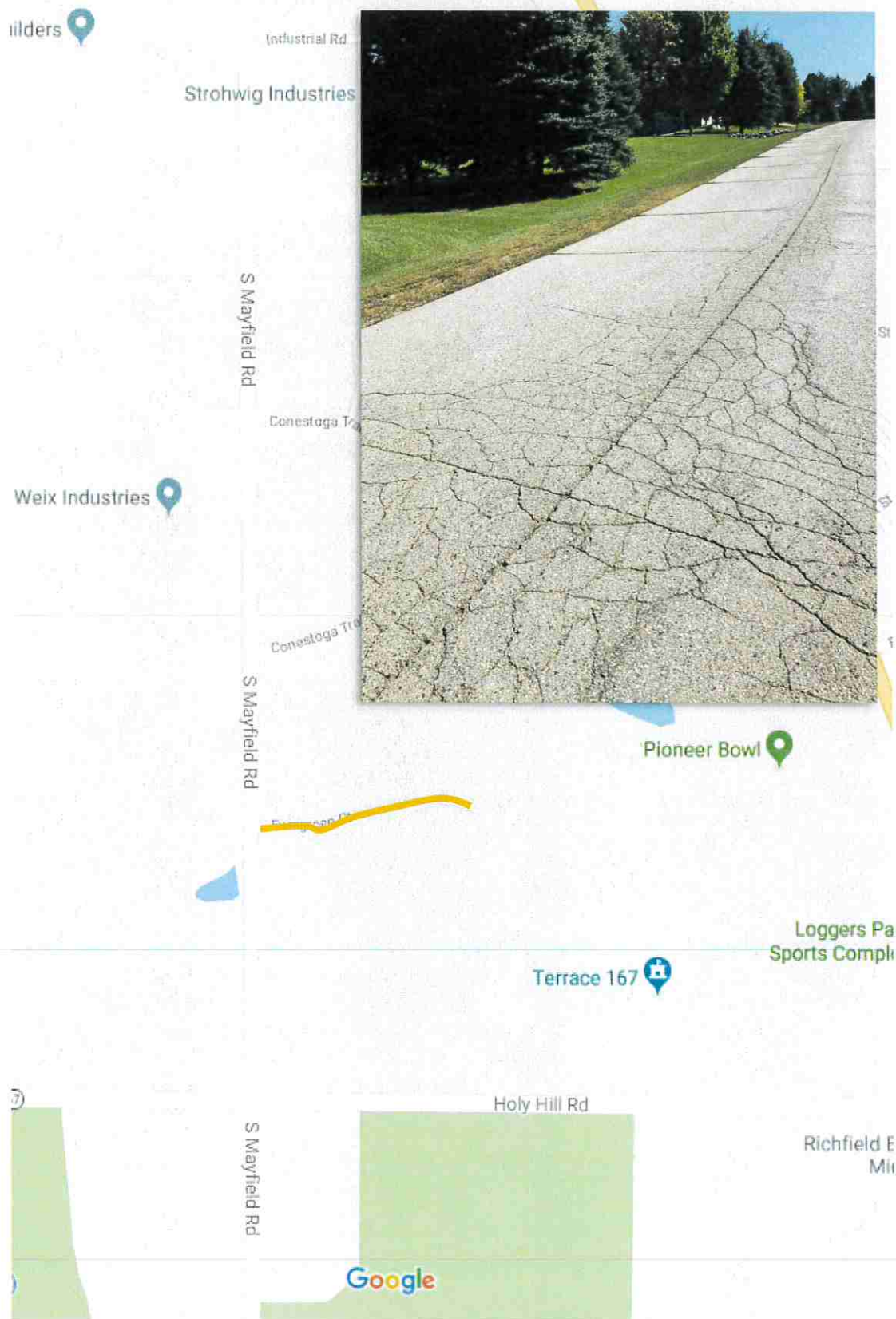
Road: Evergreen Court from Mayfield Road to Terminus
Distance: 1003'
Type: 70
Pvt Year: 1987
Width: 24'
WISLR Rating: 4 (2017), 4 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface or approaching failure

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$97,825				\$97,825
Total		\$97,825				\$97,825

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$97,825				
Total		\$97,825				



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-22-005

Category Street Construction

Project Name Roadway Improvement 2022– Conestoga Trail

Priority 2 Very Important

Description

Road: Conestoga Trail from Mayfield Road to Conestoga Court

Distance: 1214'

Type: 70

Pvt Year: 1993

Width: 24'

WISLR Rating: 5 (2017), 5 (2019)

Road: Conestoga Trail from Conestoga Court to Mayfield Road

Distance: 317'

Type: 70

Pvt Year: 1993

Width: 24'

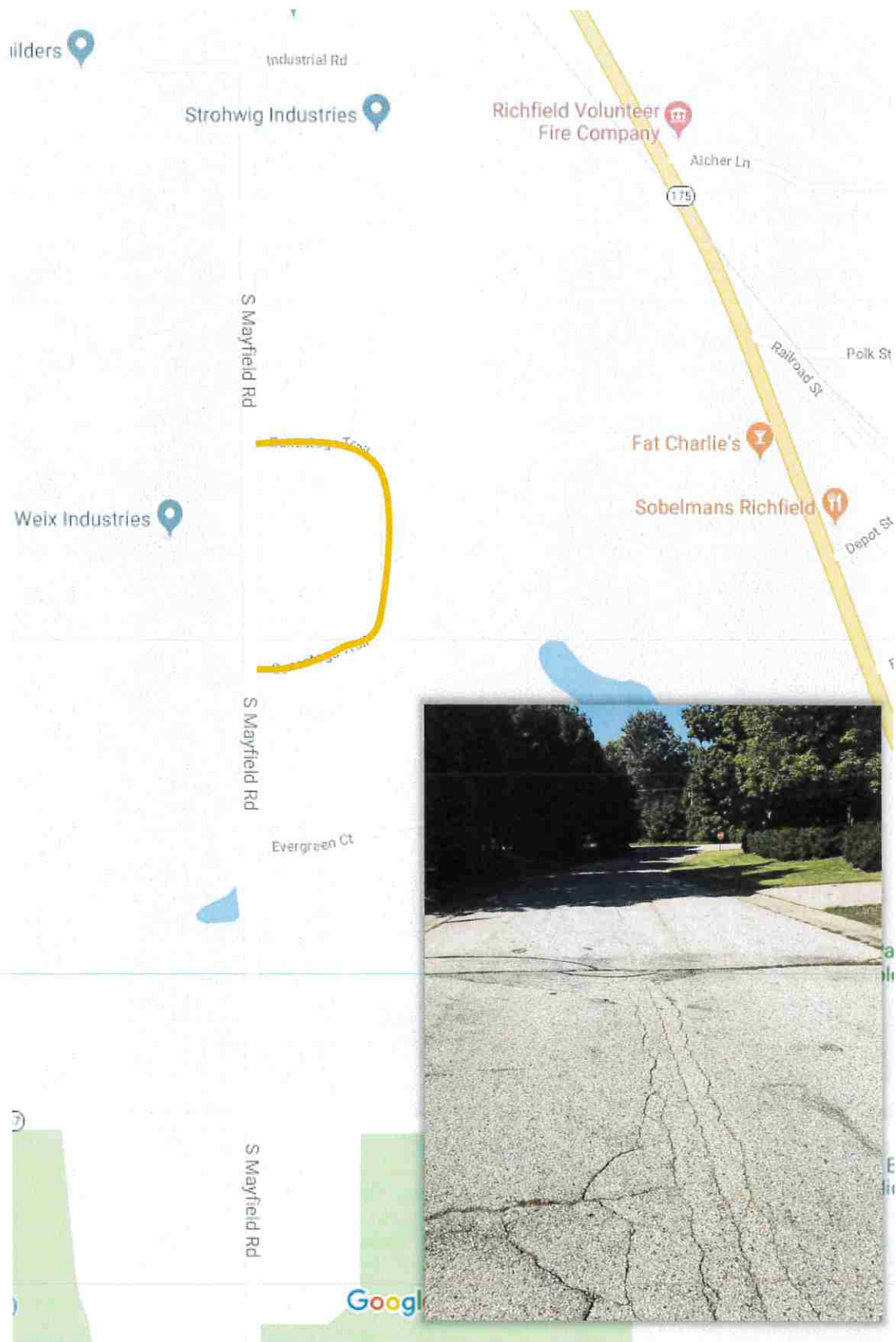
WISLR Rating: 5 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface or approaching failure

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$135,250				\$135,250
Total		\$135,250				\$135,250

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$135,250				
Total		\$135,250				



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-22-006

Category Street Construction

Project Name Roadway Improvement 2022– Conestoga Court

Priority 2 Very Important

Description

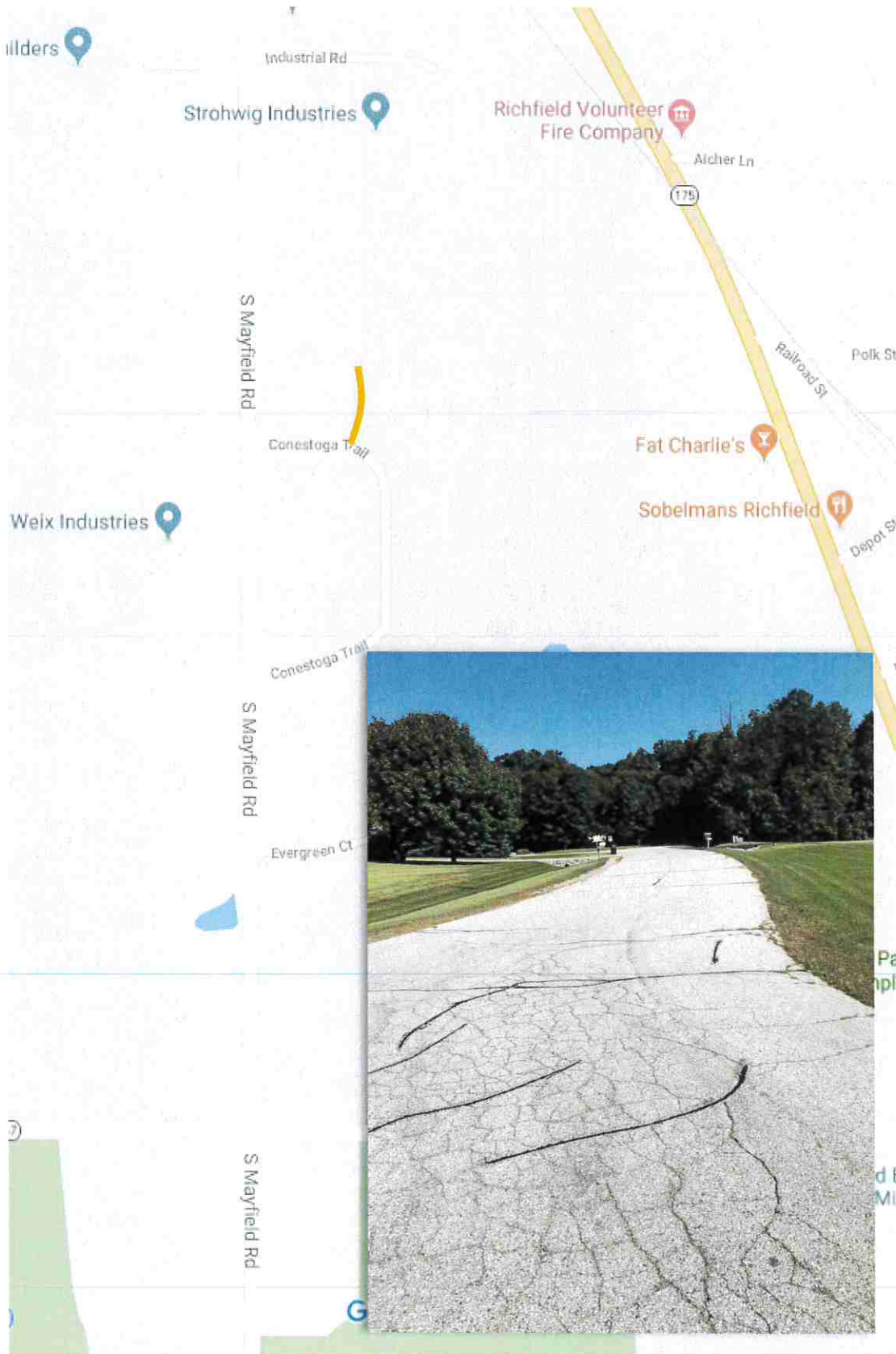
Road: Conestoga Court from Conestoga Trail to Terminus
Distance: 475'
Type: 70
Pvt Year: 1993
Width: 24'
WISLR Rating: 5 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface or approaching failure

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		\$44,500				\$44,500
Total		\$44,500				\$44,500

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund		\$44,500				
Total		\$44,500				



2021 thru 2025

Capital Improvement Plan

Department	Public Works
Contact	Public Works Supervisor
Type	Software Replacement
Useful Life	15-20 years
Category	Technology
Priority	2

Village of Richfield, Wisconsin

Project #	PW&H-22-007
Project Name	Fuel Pump System Upgrade & DPW WIFI

Description

The Village's fuel pump system is estimated to be approximately 15-20 years old. While some of the parts are still in circulation with our contracted provider, Interstate Fuel and Pump, they are suggesting to Staff that at some point in the not so distant future they may not be able to service our fuel system if the "motherboard" or other major electrical components fail. As such, Staff is preparing for its inevitable technological failure. The complication is that most newer systems are tied to wireless internet, which the Village does not have in its DPW Building. Currently, the internet is hard-lined to Village Hall with a trenched line.

It is possible to not have this system connected to WIFI. However, it would require Staff to take daily or weekly readings from the fuel pump, depending on usage. Staff would then need to upload the data to a external jump drive and export the fuel usage into the software program and manually sort the data. The savings from not having the building connected to WIFI is approximately \$3,500 for the unit itself and approximately \$11,000 for the WIFI installation.

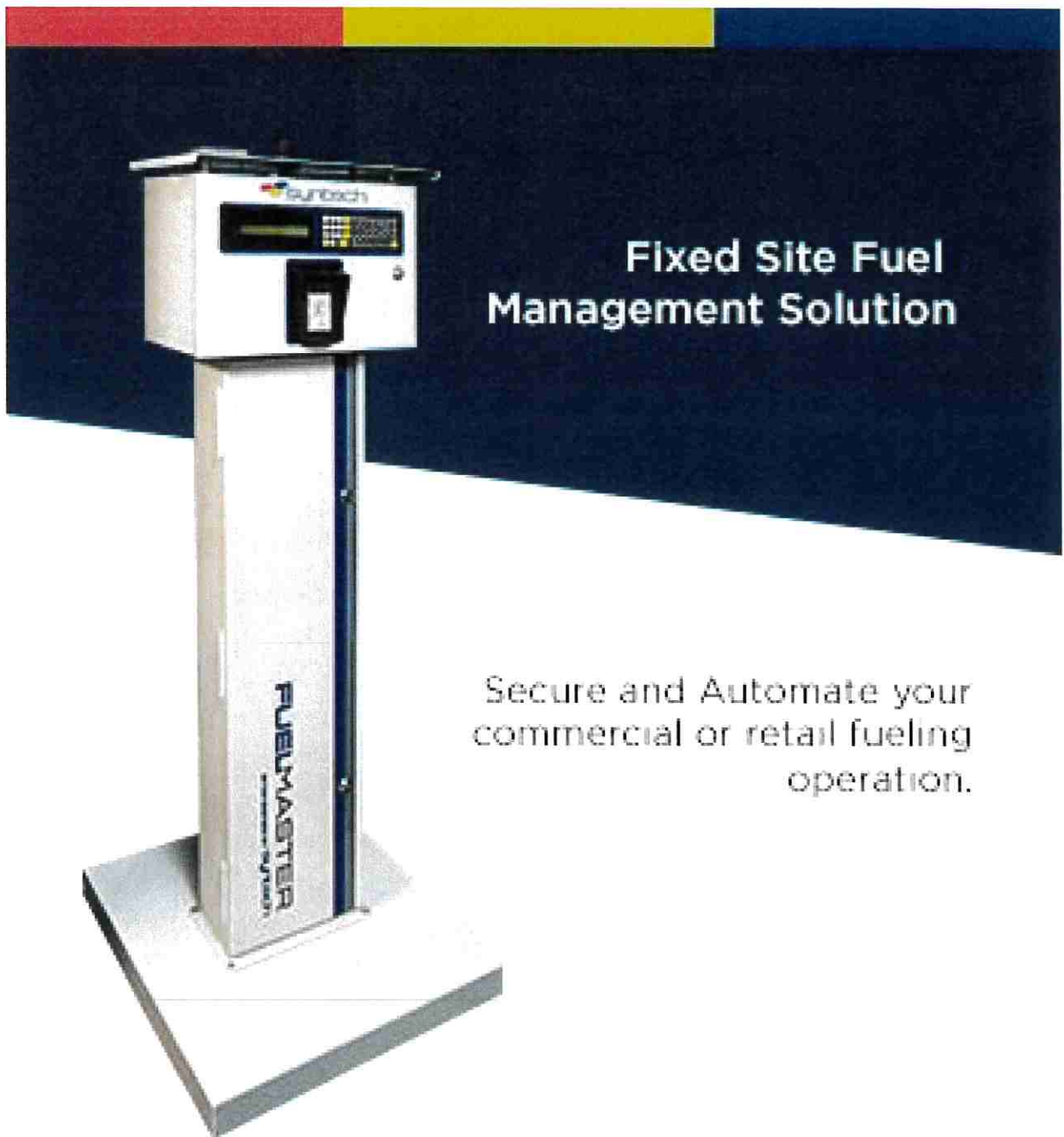
The organization who utilize this system regularly are the Washington County Sheriff's Office, Richfield Volunteer Fire Company, Holy Hill Area School District and the Village's fleet of vehicles and equipment.

Justification

The Village's fuel system is an important, daily component of our municipal operations, for first responders, and our local school district. We cannot afford for this system to be down for any amount of time, so Staff is proposing to save for this project over the period of two (2) years for installation in 2022.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund		22,000				22,000
Total		\$22,000				\$22,000

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	11,000	11,000				22,000
Total						\$22,000



Fixed Site Fuel Management Solution

Secure and Automate your
commercial or retail fueling
operation.

2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Vehicle Replacement
Contact Public Works Supervisor
Type Equipment
Useful Life 22 Years of 100,000 Miles
Category Equipment: PW Equipment
Priority 2 Very Important

Project # VR-22-001
Project Name #1 F-350 (2007)1 Ton Dump Body

Description

Replace existing 1 Ton Dump Body Truck No. 1

Justification

This truck experiences motor issues all year round. It regularly has oil and coolant issues. Replace equipment per the Equipment Replacement Schedule

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$5,420	\$5,420				\$42,941
Total						

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$5,420	\$5,420				\$42,941
Total	\$5,420	\$5,420				\$42,941





Projects by Year 2023

Village of Richfield, Wisconsin

Capital Improvement Plan

2023 Projects By Year

Project Name	Department	Project #	Priority	Project Cost
Roadway Improvement 2024 - Colgate Road	Public Works and Highway	PW&H-24-001	2	\$419,650
Roadway Improvement 2024 - Pleasant Hill Road	Public Works and Highway	PW&H-24-002	2	\$394,300
Roadway Improvement 2024 - E. Lakeview Road	Public Works and Highway	PW&H-24-003	2	\$294,100
Roadway Improvement 2024 - S. Shore Drive	Public Works and Highway	PW&H-24-004	2	\$291,400
Roadway Improvement 2024 - E. Friess Lake Road	Public Works and Highway	PW&H-24-005	2	\$192,700
Roadway Improvement 2024 - Hillside Road	Public Works and Highway	PW&H-24-006	2	\$401,000
#18 JD Gator	Vehicle Replacement	VR-24-001	2	\$21,546

2024 Totals

\$1,108,050

\$2,014,696

Roads Total

Total

2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-23-001

Category Street Construction

Project Name Roadway Improvement 2023 – Bark Lake Road

Priority 2 Very Important

Description

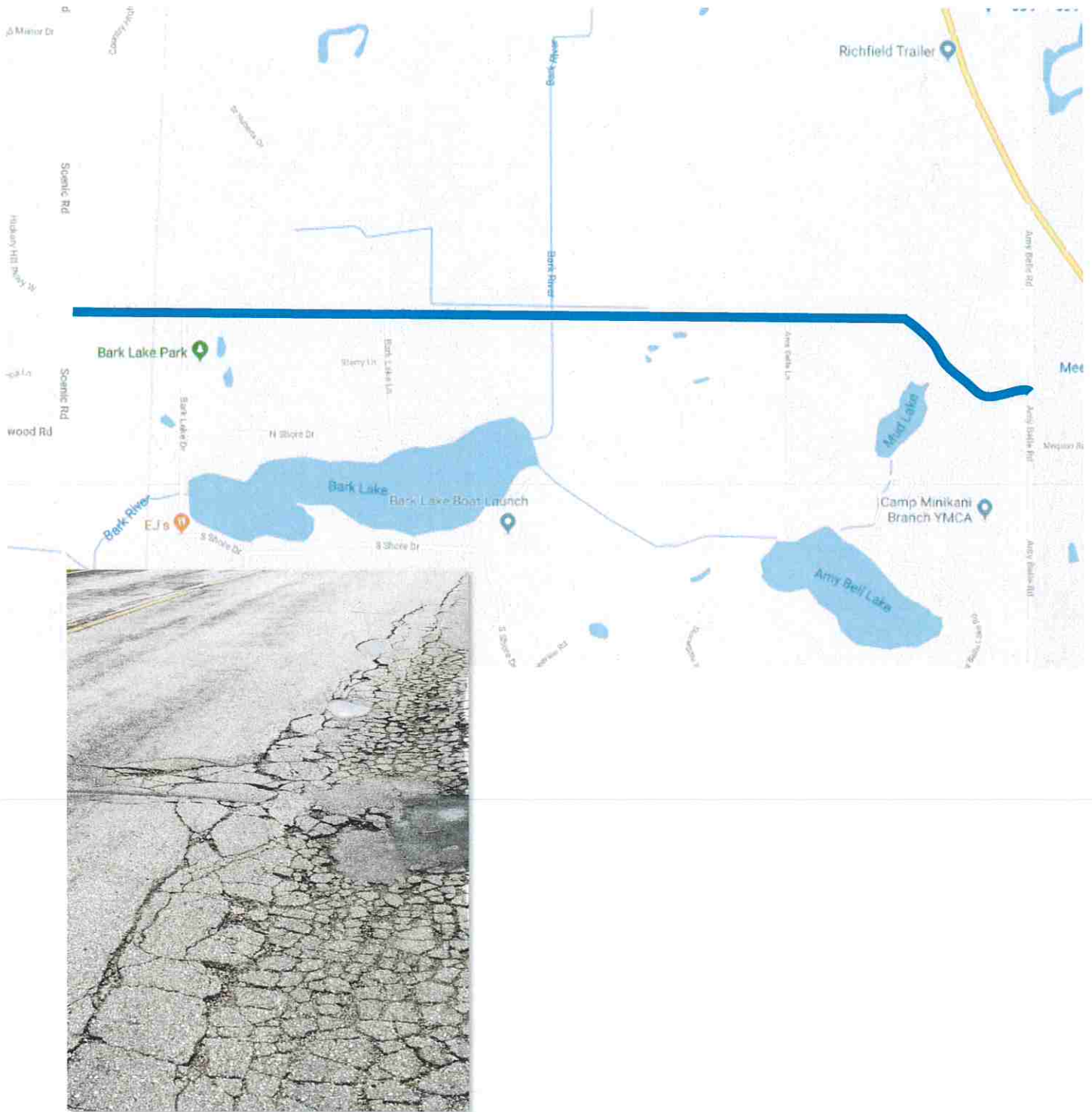
Road: Bark Lake Road, from Scenic Road to Bark Lake Lane Distance: 3590' Type: 55 Pvt Year: 1979 Width: 18' WISLR Rating: 5 (2017)	Road: Bark Lake Road, from Amy Belle Lane to Amy Belle Road Offset 1335' Distance: Type: 55 Pvt Year: 1979 Width: 18' WISLR Rating: 5 (2017) , 5 (2019)
Road: Bark Lake Road, from Bark Lake Lane to Amy Belle Lane Distance: 4330' Type: 55 Pvt Year: 1979 Width: 18' WISLR Rating: 5 (2017), 4 (2019)	Road: Bark Lake Road, from Amy Belle Road Offset 1335' to Amy Belle Road Distance: 1622' Type: 55 Pvt Year: 2003 Width: 22' WISLR Rating: 5 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund			\$658,350			\$658,350
Total			\$658,350			\$658,350

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund			\$658,350			
Total			\$658,350			



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-23-002

Category Street Construction

Project Name Roadway Improvement 2023 – Plat Road

Priority 2 Very Important

Description

Road: Plat Road, from County Line Q to Yorkshire Drive

Distance: 4752'

Type: 70

Pvt Year: 2005

Width: 20'

WISLR Rating: 5 (2017) , 4 (2019)

Road: Plat Road, from Yorkshire Drive to Monches Road

Distance: 686'

Type: 70

Pvt Year: 2005

Width: 20'

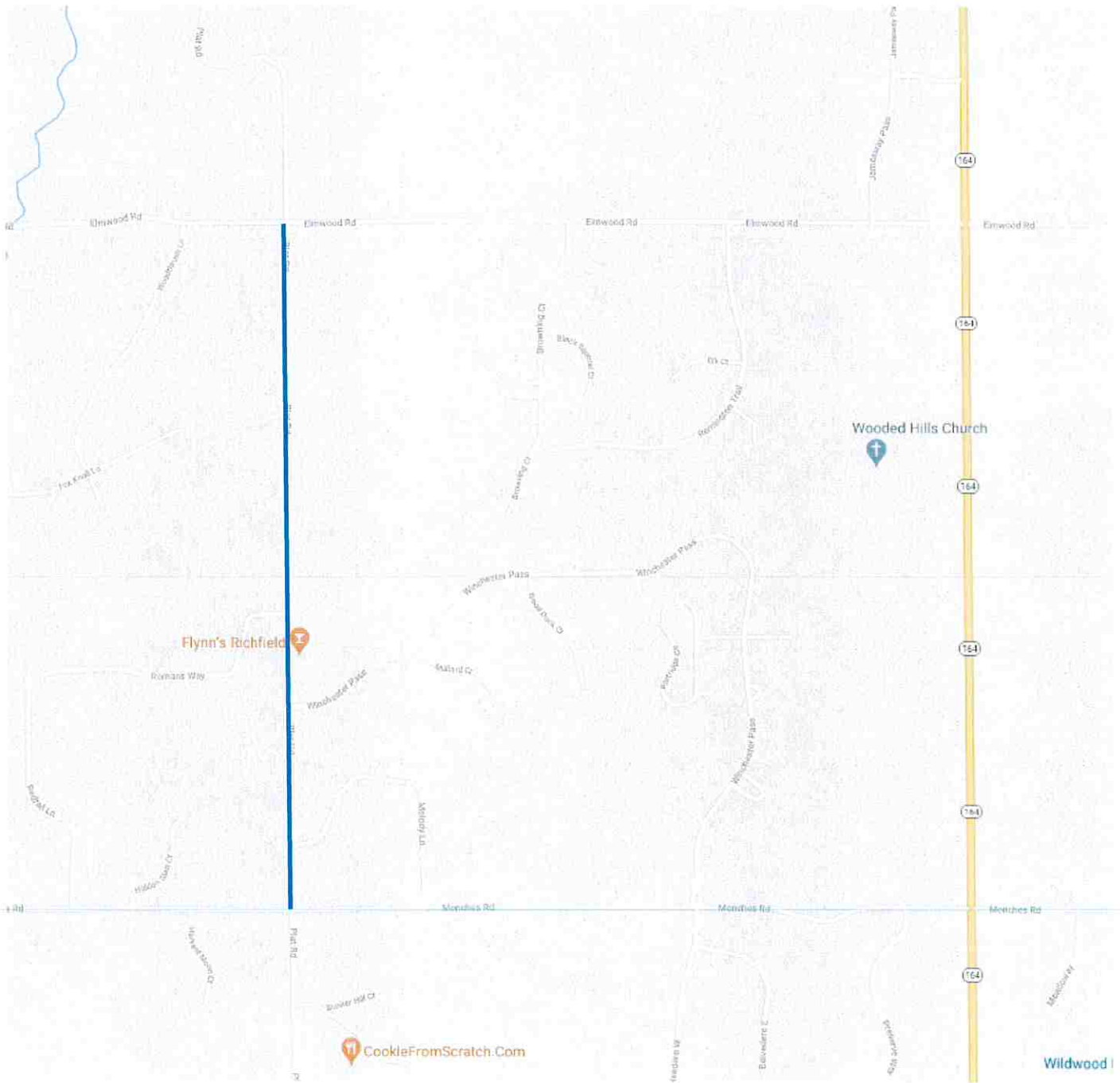
WISLR Rating: 5 (2017) , 6 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund			\$367,700			\$367,700
Total			\$367,700			\$367,700

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund			\$367,700			
Total			\$367,700			



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-23-003

Category Street Construction

Project Name Roadway Improvement 2023 – St. Augustine Road

Priority 2 Very Important

Description

Road: St. Augustine Road, from Monches Road Offset 1690'
Distance: 1690'
Type: 70
Pvt Year: 2009
Width: 20'
WISLR Rating: 5 (2017), 5 (2019)

Road: St. Augustine Road, from St. Augustine Road Offset 3327' to Elmwood
Distance: 1214'
Type: 55
Pvt Year: 2009
Width: 20'
WISLR Rating: 5 (2017), 4 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund			\$395,550			\$395,550
Total			\$395,550			\$395,550

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund			\$395,550			
Total			\$395,550			

2021 thru 2025

Capital Improvement Plan

Department Public Works and Highways

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Maintenance and Replacement

Useful Life 25 years

Project # PW&H-23-004

Category Street Construction

Project Name Salt Storage Facility

Priority 1

Description

A Tented poly plastic cupper structure will be purchased to act as a metal pole-framed canopy, situated over concrete blocking base. At the time of purchase, this wooden structure will be close to 30 years old.

Justification

The current building has been repaired several times over the last few decades. Staff also believes the State of Wisconsin will soon be requiring municipalities to take early fill quantities of salt, and thus creating a need to increase the current structure's salt capacity.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$37,500	\$37,500	\$37,500			\$262,500
Total	\$37,500	\$37,500	\$37,500			\$262,500

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$37,500	\$37,500	\$37,500			\$262,500
Total	\$37,500	\$37,500	\$37,500			\$262,500



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Vehicle Replacement
Contact Public Works Supervisor
Type Equipment
Useful Life 22 Years of 100,000 miles
Category Equipment: PW Equip.
Priority 2 Very Important

Project # VR-23-001
Project Name #7 Patrol Truck

Description

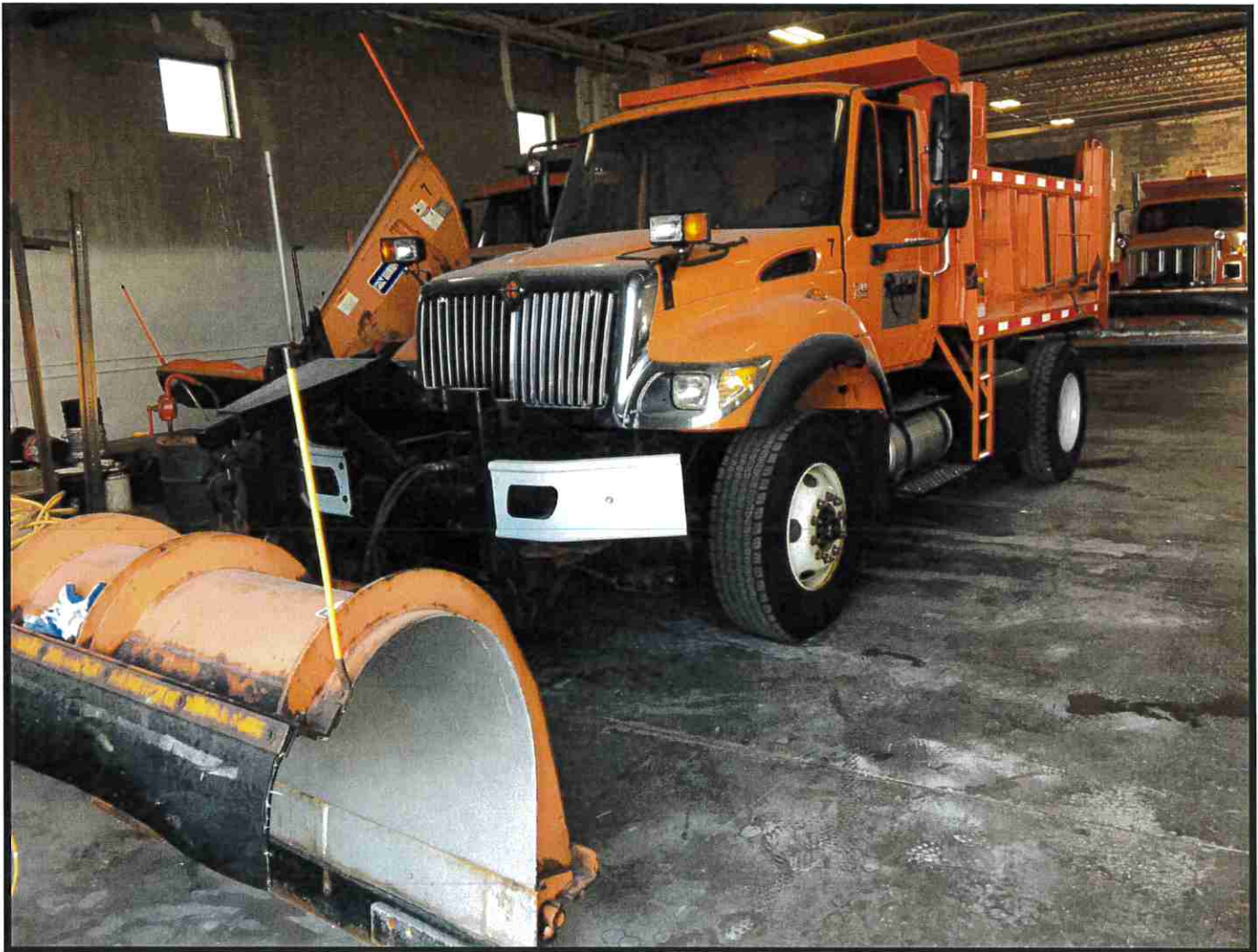
Replace existing #7 Patrol Truck

Justification

This truck experiences motor issues all year round. It regularly has oil and coolant issues. Replace equipment per the Equipment Replacement Schedule

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$26,925	\$26,925	\$26,925			\$188,472
Total						\$188,472

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$26,925	\$26,925	\$26,925			\$188,472
Total	\$26,925	\$26,925	\$26,925			\$188,472



2021 thru 2025

Capital Improvement Plan

Department Public Works
Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type
Useful Life 20-25 years

Project # PW&H-23-005
Project Name Municipal Garage Trench Drain

Category Building
Priority 2

Description

The Village's Shop Foreman in 2019 conducted an extensive repair of the trench drain system which has become corroded due to the amount of salt washed off the plow trucks. The trench drain system is original to the building which was constructed in 1998. While the grate system will be functional for the next couple of years, additional repairs will be needed in the future and at some point the system will fail.

Our Shop Foreman has requested we consider budgeting for its replacement which may become necessary in the next 3-5 years.

Justification

The trench drain system is showing signs of wear and tear from its 22 years of functionality. The main source of the corrosion is the salt that is continually washed off plow trucks in the winter time which has eaten away at the system. In 2019 a major repair was welded into place by the Shop Foreman as a temporary repair. It is expected more repairs will be necessary in the coming years and at some point it will have exceeded its useful life.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund			15,000			15,000
Total						15,000

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	5,000	5,000	5,000			15,000

Total

TRENCH DRAIN GRATE

865 SERIES

FastTrack

SPECIFICATION

Sioux Chief 865 Series HDPE slotted grating shall be used where necessary with FastTrack trench drain channels. Grating shall be approved for use in light-duty applications and walkways for pedestrian traffic. Grating shall be lightweight, durable, and U.V./chemical resistant. Grating shall have large, open slots for increased flow capacity into channel and fasten to anchors with screws.

ADA: No

Heel-Proof: No*

Load Rating:

DIN EN 1433: Class A15

ASME A112.6.3: Light Duty

MATERIALS

Grate: High-density polyethylene
Screws: Stainless steel

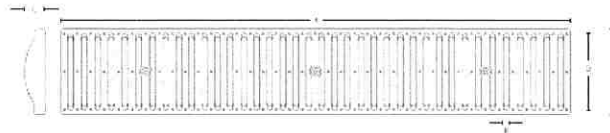
FREE-AREA

81.4 in²

DIMENSIONS

A: Length	36"
B: Width	6"
C: Thickness	1 1/4"
D: Slot length	5"
E: Slot opening	1 1/8"

* Per ASME A112.6.3 (non-slip)



TRENCH DRAIN

865 SERIES

FastTrack

SPECIFICATION

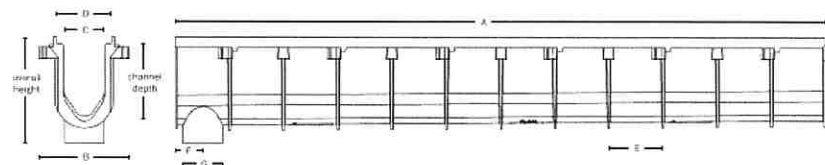
Sioux Chief 865 Series FastTrack trench drain shall be used where necessary to convey surface water into drainage system. Trench drain channel shall be sloped (0.75%) or neutral and seamlessly molded from lightweight, durable, chemical-resistant material. Channel shall include construction covers (2), stainless steel grate anchors (6), and integral bottom outlet for optional connection. Channel shall be designed with structure-reinforcing ribs and side anchors (12 per channel) for securing channel to re-bar (1/2" #4). Channels shall connect end-to-end, in proper sequence, with mechanical, tongue-in-groove style joint. Channel shall have a modified bottom radius to improve flow rate and reduce sediment buildup. Designed in accordance with ASME A112.6.3-01

MATERIALS

Channel: High-density polyethylene
Grate Anchors: Stainless steel
Construction Cover: High-density polyethylene
Screws: Stainless steel

DIMENSIONS (see table below for specific dimensions)

A: Length	72'
B: Overall width	9 3/4"
C: Channel width	4 1/2"
D: Cover/grate width	6"
E: Ribs (on center)	6"
F: Outlet offset	3"
G: Connection size	4" No-hub





Projects by Year

2024

Village of Richfield, Wisconsin
Capital Improvement Plan
2024 Projects By Year

Project Name	Department	Project #	Priority	Project Cost
Roadway Improvement 2024 - Colgate Road	Public Works and Highway	PW&H-24-001	2	\$419,650
Roadway Improvement 2024 - Pleasant Hill Road	Public Works and Highway	PW&H-24-002	2	\$394,300
Roadway Improvement 2024 - E. Lakeview Road	Public Works and Highway	PW&H-24-003	2	\$294,100
Roadway Improvement 2024 - S. Shore Drive	Public Works and Highway	PW&H-24-004	2	\$291,400
Roadway Improvement 2024 - E. Friess Lake Drive	Public Works and Highway	PW&H-24-005	2	\$192,700
Roadway Improvement 2024 - Hillside Road	Public Works and Highway	PW&H-24-006	2	\$401,000
#18 JD Gator	Vehicle Replacement	VR-24-001	2	\$21,546
2024 Totals				
			\$1,108,050	\$2,014,696
			Roads Total	Total

2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-24-001

Category Street Construction

Project Name Roadway Improvement 2024 – Colgate Road

Priority 2 Very Important

Description

Road: Colgate Road from CTH Q to Willow Gate Pass

Distance: 3062'

Type: 65

Pvt Year: 1999

Width: 24'

WISLR Rating: 6 (2017), 5 (2019)

Road: Colgate Road from Willow Gate Pass to Willow Creek Road

Distance: 1373'

Type: 65

Pvt Year: 2003

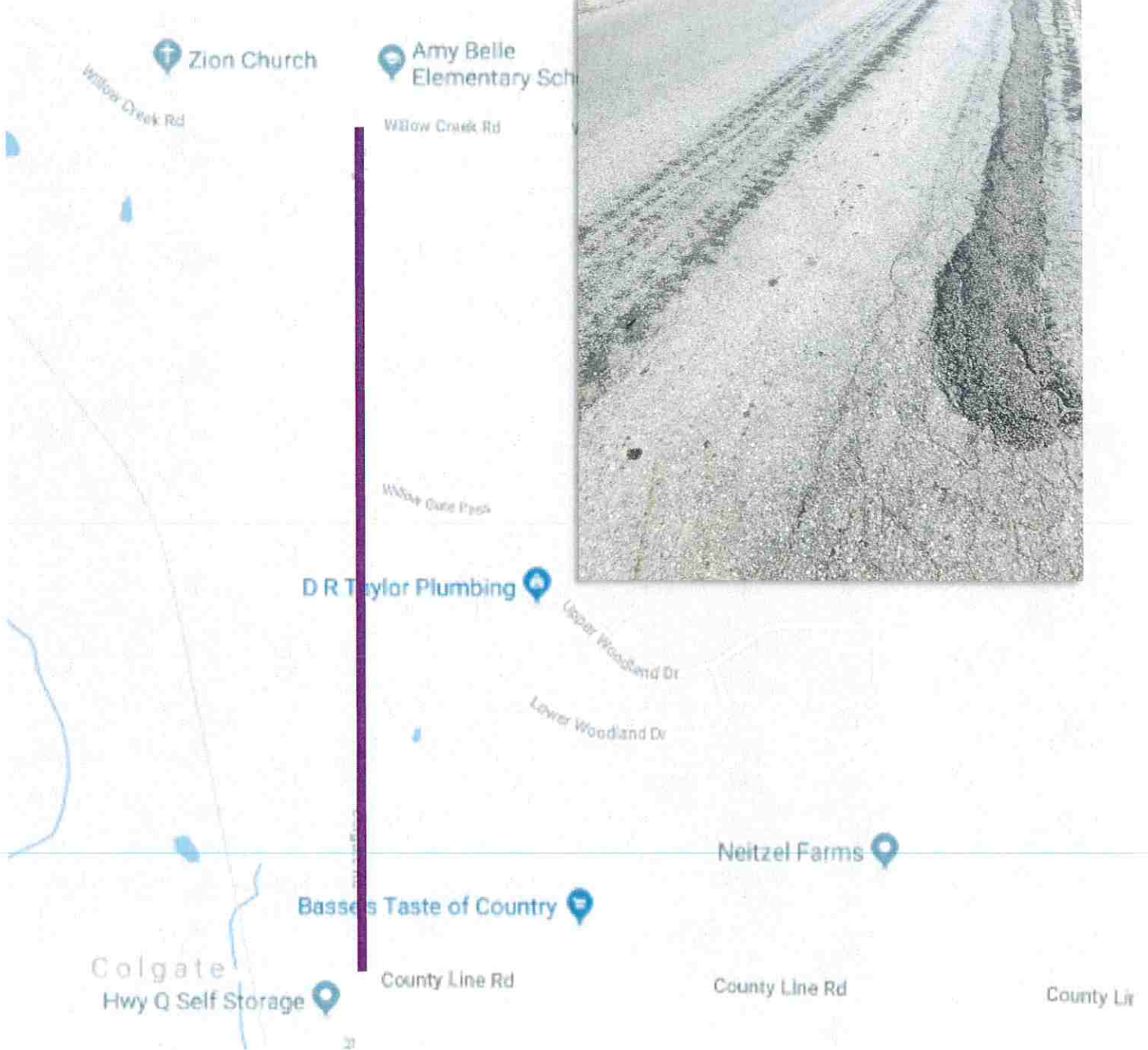
Width: 24'

WISLR Rating: 6 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$419,650		\$419,650
Total				\$419,650		\$419,650
Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund				\$419,650		
Total				\$419,650		



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-24-002

Category Street Construction

Project Name Roadway Improvement 2024 – Pleasant Hill Road

Priority 2 Very Important

Description

Road: Pleasant Hill Road, from STH 164 to Hillside Road
Distance: 5280'
Type: 55
Pvt Year: 2009
Width: 24'
WISLR Rating: 6 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$394,300		\$394,300
Total				\$394,300		\$394,300

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund				\$394,300		
Total				\$394,300		



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Type Improvement

Useful Life 30 Years

Village of Richfield, Wisconsin

Project # PW&H-24-003

Category Street Construction

Project Name Roadway Improvement 2024 – Lakeview Road

Priority 2 Very Important

Description

Road: Lakeview Road from Termini to Lakeview Road N

Distance: 690'

Type: 70

Pvt Year: 2005

Width: 22

WISLR Rating: 4 (2017), 4 (2019)

Road: Lakeview Road from Lakeview Road N to Ridgewood Knoll

Distance: 370'

Type: 55

Pvt Year: 2003

Width: 22

WISLR Rating: 4 (2017), 4 (2019)

Road: Lakeview Road from Ridgewood Knoll to Shore Drive S/Colgate Road

Distance: 1615'

Type: 55

Pvt Year: 2003

Width: 22'

WISLR Rating: 4 (2017), 4 (2019)

Road: Lakeview Road from Shore Drive S/Colgate Road Offset 152'

Distance: 1289'

Type: 55

Pvt Year: 1969

Width: 18'

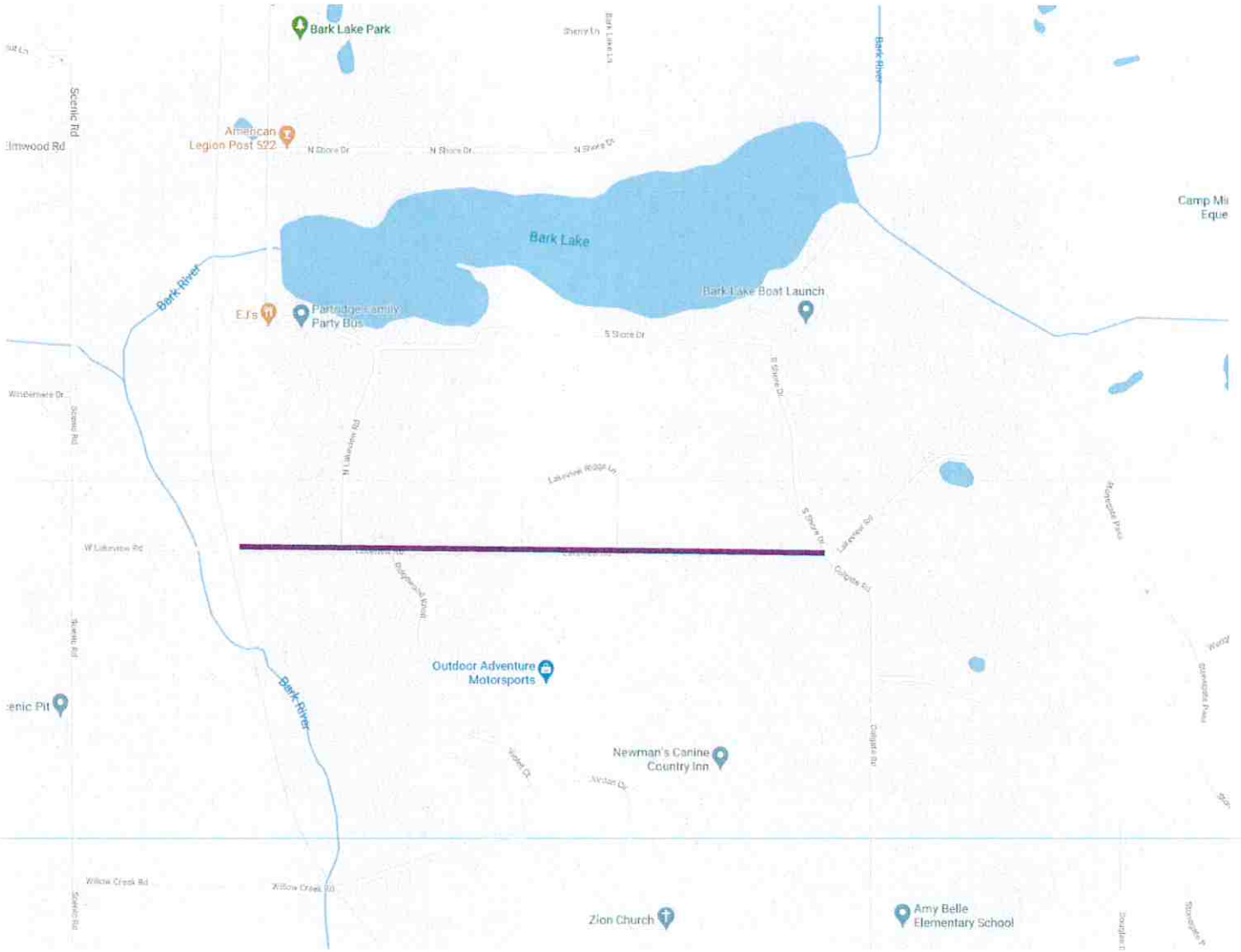
WISLR Rating: 4 (2017), 4 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$294,100		\$294,100
Total				\$294,100		\$294,100

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
92 Village of Richfield/ 2021-2025 Capital Improvement Plan						
General Fund				\$294,100		



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-24-004

Category Street Construction

Project Name Roadway Improvement 2024 – S. Shore Drive

Priority 2 Very Important

Description

Road: S Shore Drive from Lakeview Road N to E Shore Drive
Distance: 2693'
Type: 55
Pvt Year: 1977
Width: 18'
WISLR Rating: 6 (2017), 5 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$291,400		\$291,400
Total				\$291,400		\$291,400

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund				\$291,400		
Total				\$291,400		



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-24-005

Category Street Construction

Project Name Roadway Improvement 2024 – E. Friess Lake Drive

Priority 2 Very Important

Description

Road: E Friess Lake Drive to Offset 2746'
Distance: 2746'
Type: 55
Pvt Year: 1969
Width: 16'
WISLR Rating: 4 (2017), 4 (2019)

Road: E Friess Lake Drive from Offset 2746' to Termini
Distance: 1056'
Type: 70
Pvt Year: 1988
Width: 12'
WISLR Rating: 4 (2017), 4 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$192,700		\$192,700
Total				\$192,700		\$192,700

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund				\$192,700		
Total				\$192,700		



2021 thru 2025

Capital Improvement Plan

Department Public Works and Highway

Contact Public Works Supervisor

Village of Richfield, Wisconsin

Type Improvement

Useful Life 30 Years

Project # PW&H-24-006

Category Street Construction

Project Name Roadway Improvement 2024 – Hillside Road

Priority 2 Very Important

Description

Road: Hillside Road from Pleasant Hill Road to Wexford Drive

Distance: 1795'

Type: 70

Pvt Year: 1973

Width: 22'

WISLR Rating: 6 (2017), 6 (2019)

Road: Hillside Road from Wexford Drive to Wexford Drive Offset 1004'

Distance: 1004'

Type: 70

Pvt Year: 1973

Width: 22'

WISLR Rating: 6 (2017), 6 (2019)

Road: Hillside Road from Wexford Drive Offset 1004' to Pleasant Hill Road

Distance: 2798'

Type: 70

Pvt Year: 1993

Width: 22'

WISLR Rating: 6 (2017), 6 (2019)

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund				\$401,000		\$401,000
Total				\$401,000		\$401,000

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund				\$401,000		
Total				\$401,000		



2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Vehicle Replacement
Contact Public Works Supervisor
Type Equipment
Useful Life 8 Years or 4,000 hours
Category Equipment: PW Equip.
Priority 2 Very Important

Project # VR-24-001
Project Name #18 JD Gator

Description

Replace existing #18 John Deer Gator


Justification

This piece of equipment was purchased in 2009 and has frequent maintenance done to repair various parts. Items that have been replaced include the hour meter, tires, brakes, started, and battery. Replace equipment per the Equipment Replacement Schedule.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund					\$21,546	\$21,546
Total					\$21,546	\$21,546

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund					\$21,546	
Total					\$21,546	





Projects by Year 2025

Village of Richfield, Wisconsin

Capital Improvement Plan

2025 Projects By Year

Project Name	Department	Project #	Priority	Project Cost
Roadway Improvement Pool	Public Works and Highway	PW&H-25-001	2	\$1,500,000
Replacement of Village Computers	Administration	A-25-001	2	\$13,000
2025 Totals		\$1,500,000		\$1,513,000
		\$ Roads Total		Total

2021 thru 2025

Capital Improvement Plan

Village of Richfield, Wisconsin

Department Public Works and Highway

Contact Public Works Supervisor

Type Improvement

Useful Life 30 Years

Project # PW&H-25-001

Project Name Roadway Improvement Pool

Category Street Construction

Priority 2 Very Important

Description

Road: Amy Belle Road; All Village Jurisdiction Distance: 4963' Pvt Year: 1991 Width: 22-24' WISLR Rating: 4 (2017)	Hogsback to Plat Road Distance: 1954' Pvt Year: 1970 Width: 18' WISLR Rating: 4 (2017)	Pvt Year: 1975 Width: 24' WISLR Rating: 4 (2017)	Distance: 634' Pvt Year: 1995 Width: 24' WISLR Rating: 5 (2017)	WISLR Rating: 5 (2017)
Road: E. Lake Lane Distance: 1109' Pvt Year: 1979 Width: 16' WISLR Rating: 4 (2017)	Road: Lakeview Road W Distance: 1003' Pvt Year: 2005 Width: 22' WISLR Rating: 4 (2017)	Road: St. Augustine Road; All Village Jurisdiction Distance: 317' Pvt Year: 1969-2009 Width: 18-20' WISLR Rating: 4,5 (2017)	Road: Douglas Drive Distance: 950' Pvt Year: 1972 Width: 20' WISLR Rating: 5 (2017)	Road: Jessica Lane Distance: 686' Pvt Year: 1991 Width: 24' WISLR Rating: 5 (2017)
Road: E. Shore Drive Distance: 1267' Pvt Year: 1988 Width: 16' WISLR Rating: 4 (2017)	Road: Lake Drive Distance: 3643' Pvt Year: 1993-2002 Width: 22-30" WISLR Rating: 4,5,6 (2017)	Road: Wood Road from Elmwood Court to Stone Meadow Court Distance: 264' Pvt Year: N/A Width: 20' WISLR Rating: 4 (2017)	Road: Far Hill Lane Distance: 475' Pvt Year: 2000 Width: 22' WISLR Rating: 5 (2017)	Road: Kerechun Road Distance: 3538' Pvt Year: 1995-2000 Width: 24' WISLR Rating: 5 (2017)
Road: Elmwood Court Distance: 792' Pvt Year: 1988 Width: 27' WISLR Rating: 4 (2017)	Road: Red Oak Court Distance: 686' Pvt Year: 1995 Width: 24' WISLR Rating: 4 (2017)	Road: Bark Lake Drive Distance: 2429' Pvt Year: 1969-1975 Width: 22' WISLR Rating: 5 (2017)	Road: Highview Drive Distance: 1531' Pvt Year: 1990 Width: 22' WISLR Rating: 5 (2017)	Road: Lakeview Road N Distance: 1373' Pvt Year: 1993 Width: 22' WISLR Rating: 5 (2017)
Road: Franks Way Distance: 370' Pvt Year: 1987 Width: 26' WISLR Rating: 4 (2017)	Road: Ridge Court N Distance: 317' Pvt Year: 1981 Width: 22' WISLR Rating: 4 (2017)	Road: Bark Lake Drive Distance: 2429' Pvt Year: 1969-1975 Width: 22' WISLR Rating: 5 (2017)	Road: Holy Hill Lane Distance: 2376' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Road: Lakeview Avenue Distance: 2957' Pvt Year: 2002-2006 Width: 18' WISLR Rating: 5,6 (2017)
Road: Grandview Court Distance: 739' Pvt Year: 1988 Width: 24' WISLR Rating: 4 (2017)	Road: Ridge Court S Distance: 475' Pvt Year: 1981 Width: 22' WISLR Rating: 4 (2017)	Road: Ball Drive Distance: 2851' Pvt Year: 1991 Width: 24' WISLR Rating: 5 (2017)	Road: Highland Avenue Distance: 1637' Pvt Year: 2002 Width: 17' WISLR Rating: 5 (2017)	Road: Mount Court Distance: 422' Pvt Year: 1972 Width: 22' WISLR Rating: 5 (2017)
Road: Grey Fox Court Distance: 581' Pvt Year: 1980 Width: 24' WISLR Rating: 4 (2017)	Road: Ridge Drive Distance: 950' Pvt Year: 1981 Width: 22' WISLR Rating: 4 (2017)	Road: Beechwood Industrial Court Distance: 898' Pvt Year: 1988 Width: 28' WISLR Rating: 5 (2017)	Road: High on a Hill Distance: 739' Pvt Year: 1978 Width: 20' WISLR Rating: 5 (2017)	Road: Morgan Drive Distance: 634' Pvt Year: 1997 Width: 24' WISLR Rating: 5 (2017)
Road: Highland Court Distance: 317' Pvt Year: 1990 Width: 22' WISLR Rating: 4 (2017)	Road: Shore Drive S Distance: 3432' Pvt Year: 1977, 2004 Width: 18-20' WISLR Rating: 4,6 (2017)	Road: Bell Tower Place Distance: 1848' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Road: Hilltop View Court Distance: 792' Pvt Year: 1995 Width: 24' WISLR Rating: 5 (2017)	Road: Maple Terrace Distance: 2587' Pvt Year: 1979 Width: 22' WISLR Rating: 5 (2017)
Road: Highland Drive Distance: 2218' Pvt Year: 1993 Width: 22' WISLR Rating: 4 (2017)	Road: Sleepy Hollow Drive Distance: 1584' Pvt Year: 1989 Width: 18' WISLR Rating: 4 (2017)	Road: Country Highlands Drive Distance: 2798' Pvt Year: 1975 Width: 22' WISLR Rating: 5 (2017)	Road: Homestead Court Distance: 581' Pvt Year: 1995 Width: 24' WISLR Rating: 5 (2017)	Road: Melody Lane Distance: 2218' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)
Road: Hubertus Road from	Road: Shadow Lane; All Village Jurisdiction Distance: 2165'	Road: Deertrail Court	Road: Hunter Hill Trail Distance: 3643' Pvt Year: 1980 Width: 24'	Road: Moonlit Drive

Description Cont.

Distance: 1109' Pvt Year: 2006 Width: 24' WISLR Rating: 5,6 (2017)	WISLR Rating: 5 (2017) Road: Pine Meadow Court Distance: 422' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Distance: 1426' Pvt Year: 1969-200 Width: 20' WISLR Rating: 5 (2017)	Road: Pine Drive Distance: 211' Pvt Year: 1972 Width: 22' WISLR Rating: 6 (2017)	WISLR Rating: 6 (2017) Road: Endeavor Drive Distance: 1320' Pvt Year: 2005 Width: 24' WISLR Rating: 6 (2017)
Road: Moonlit Court Distance: 528' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Road: Parish Drive Distance: 1954' Pvt Year: 1993-1995 Width: 24' WISLR Rating: 5 (2017)	Road: Tomac Lane Distance: 898' Pvt Year: 1972 Width: 22' WISLR Rating: 5 (2017)	Road: Ridge Road Distance: 898' Pvt Year: 2003 Width: 24' WISLR Rating: 6 (2017)	Road: Endeavor Circle (Venture Circle) Distance: 950' Pvt Year: 2005 Width: 24' WISLR Rating: 6 (2017)
Road: Mount Lane Distance: 3432' Pvt Year: 1972 Width: 22' WISLR Rating: 5 (2017)	Road: Prairie Lane Distance: 5755' Pvt Year: 1993-2007 Width: 24' WISLR Rating: 5,7 (2017)	Road: Wildwood Ridge Road Distance: 4541' Pvt Year: 2001-2003 Width: 24' WISLR Rating: 5 (2017)	Road: Richfield Parkway Distance: 3326' Pvt Year: 2005-2007 Width: 24' WISLR Rating: 6,7 (2017)	
Road: Nob Hill Distance: 3802' Pvt Year: 1997 Width: 24' WISLR Rating: 5 (2017)	Road: Queens Court Distance: 1056' Pvt Year: 1997 Width: 24' WISLR Rating: 5 (2017)	Road: Wolf Run Drive Distance: 3115' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Road: St. Huberts Court Distance: 898' Pvt Year: 1990 Width: 22' WISLR Rating: 6 (2017)	
Road: Nob Hill W Distance: 739' Pvt Year: 1997 Width: 24' WISLR Rating: 5 (2017)	Road: Red Fox Circle Distance: 1108' Pvt Year: 1980 Width: 24' WISLR Rating: 5 (2017)	Road: Bark Lake Lane Distance: 898' Pvt Year: 1995 Width: 24' WISLR Rating: 6 (2017)	Road: St. Huberts Drive Distance: 2006' Pvt Year: 1989 Width: 20' WISLR Rating: 6 (2017)	
Road: Oak Drive Distance: 2534' Pvt Year: 1972-1997 Width: 22-24' WISLR Rating: 5,6 (2017)	Road: Steeple View Court Distance: 845' Pvt Year: 1993 Width: 24' WISLR Rating: 5 (2017)	Road: Forest Court Distance: 581' Pvt Year: 1975 Width: 22' WISLR Rating: 6 (2017)	Road: Sherry Lane Distance: 739' Pvt Year: 1995 Width: 24' WISLR Rating: 6 (2017)	
Road: Patricia Lane Distance: 898' Pvt Year: 1991 Width: 24' WISLR Rating: 5 (2017)	Road: Stonegate Pass Distance: 4066' Pvt Year: 1993-1995 Width: 24' WISLR Rating: 5,6 (2017)	Road: Hill N' Dale Road Distance: 634' Pvt Year: 1973 Width: 22' WISLR Rating: 6 (2017)	Road: Stonefield Road Distance: 370' Pvt Year: 1995 Width: 24' WISLR Rating: 6 (2017)	
Road: Pioneer Road; All Village Jurisdiction Distance: 7762' Pvt Year: 1975-1979 Width: 18-22' WISLR Rating: 5 (2017)	Road: Sunset Hill Road Distance: 2112' Pvt Year: 2006 Width: 24' WISLR Rating: 4,5,6,7 (2017)	Road: Moraine Drive Distance: 1954' Pvt Year: 1972 Width: 22' WISLR Rating: 6 (2017)	Road: Wedgewood Drive Distance: 686' Pvt Year: 1993 Width: 28' WISLR Rating: 6 (2017)	
Road: Park View Drive Distance: 1478' Pvt Year: 1995 Width: 24'	Road: Townline Road	Road: Maple Drive Distance: 3274' Pvt Year: 1972 Width: 22' WISLR Rating: 6 (2017)	Road: Wejegi Drive Distance: 2693' Pvt Year: 2000 Width: 20'	

Justification

Mill and overlay includes base improvements, culvert replacements and shoulder enhancements where needed. Roadway Improvement Program addresses those roads that meet WISLR standard for surface of approaching failure. Road Improvement pool subject to change. Projects selected for 2024 construction will amount to approximately \$1,500,000,. Total cost to make road pool repairs estimated to be \$13,500,000.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund					\$1,500,000	\$1,500,000
Total					\$1,500,000	\$1,500,000
Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund					\$1,500,000	
Total					\$1,500,000	

2021 thru 2025

Capital Improvement Plan

Department Administration
Contact Assistant to the Administrator
Type Equipment
Useful Life 4- 5 Years

Village of Richfield, Wisconsin

Project # A-25-001
Project Name Replacement of Village Computers

Category Equipment Computers
Priority 2 Very Important

Description

(2) HP Desktop Computers, Intel Core i3 \$1,280.00
 (6) HP Desktop Computers, Intel Core i5 \$4,440.00
 (2) HP Notebook, Intel Core i5 and Dock..... \$2,630.00
 On-Tech Services and Installation \$4,650.00

10 new office computers for Administrative Offices, Building Inspection, Public Works, and Lower Level Village Hall computer stations. All computers will also have updated software installed.

Justification

In an ever increasing technical environment, PC's are vital to our day-to-day operations. Block purchasing will allow us to get better retail prices as well as ensure our software is uniform across all platforms.

Expenditures	2021	2022	2023	2024	2025	Total
CIP Fund	\$13,000					\$13,000
Total	\$13,000					\$13,000

Funding Source	2021	2022	2023	2024	2025	Total (Saved)
General Fund	\$13,000					
Total	\$13,000					